FM/AM STEREO RECEIVER

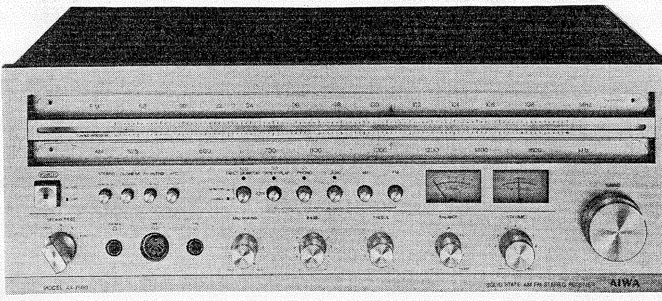
MODEL AX-7500 EE, UK

AIWA®

[SERVICE MANUAL]

ISO

Set using ISO screws



DATE OF ISSUE 25/11/1975

SPECIFICATIONS

Semiconductors	1 FET, 1 IC, 64 transistors, 40 diodes, 8 LED
Power Supply	AC 120 V/220 V/240 V Switchable 50/60 Hz
Power Consumption	190 W
External Dimensions	160 (H) x 450 (W) x 360 (D) mm
Weight	11 kg

Power Amplifier

Circuit System	Differential 1st stage all stages direct coupled pure complementary OCL
Effective Output 20 Hz – 20 kHz both channels driven	30 W + 30 W (8 ohms), 33 W + 33 W (4 ohms)
1 kHz both channels driven	33 W + 33 W (8 ohms), 36 W + 36 W (4 ohms)
Harmonic Distortion (at effective output)	0.2%
Intermodulation Distortion (at effective output)	0.2%
Output Bandwidth (IHF, both channels driven)	10 Hz – 50 kHz (0.2% distortion)
Dynamic Power	90 W (8-ohms)
Output Terminals SPEAKERS	A, B, A + B, OFF
HEADPHONES	8 ohms (4 ohms – 20 ohms)
Damping Factor	More than 50 (1 kHz 8 ohms)
Residual Noise (8 ohms pre + main)	Less than 0.5 mV

Preamplifier

Circuit System	
Equalizer Amplifier	+, – dual power supply 2 stage differential amplifier + emitter follower NF type
Control Amplifier	+, – dual power supply 2 stage direct coupled type + CR controls
Buffer Amplifier	+, – dual power supply 2 stage direct coupled type
Input Terminals (Sensitivity/Impedance)	
PHONO	2.5 mV/50 kohms
PHONO Max. Rated Input	200 mV /560 mV (rms/pp)
MIC	1 mV/5 kohms (200 ohms – 50 kohms impedance)
Pin Jacks (AUX, TAPE PLAY 1 & 2)	150 mV/50 kohms
DIN Jacks (TAPE PLAY 1 & 2)	150 mV/50 kohms
Output Terminals (Level/Impedance)	
Pin Jacks (TAPE REC 1 & 2)	150 mV/more than 50 kohms
DIN Jacks (TAPE REC 1 & 2)	30 mV/80 kohms
Frequency Response (Input with respect to REC jacks)	
PHONO (RIAA Curve)	30 Hz–15 kHz ±0.3 dB
AUX & TAPE PLAY	10 Hz–70 kHz
Tone Controls	100 Hz $^{+9\ \mathrm{dB}}_{-8\ \mathrm{dB}}$ (BASS) 10 kHz $^{+9\ \mathrm{dB}}_{-8\ \mathrm{dB}}$ (TREBLE)
Loudness Response (with volume at –40 dB)	+7 dB (100 Hz), +4 dB (10 kHz)
S/N (IHF)	
PHONO	More than 80 dB
AUX, TAPE PLAY 2	More than 80 dB
TAPE PLAY 1	More than 90 dB
MIC	More than 70 dB

FM Tuner

Receiving Frequency Range	87,5 MHz–108 MHz
Sensitivity (IHF)	1,8 μV
Capture Ratio (IHF)	1.2 dB
Effective Selectivity (IHF)	50 dB
SN Ratio	70 dB
Frequency Response	20 Hz–15 kHz
Distortion	0.4% (stereo), 0.24% (mono)
Separation	43 dB (at 1 kHz)
Image Ratio	55 dB
IF rejection Ratio	80 dB
Spurious Radiation	Less than 28 dB
Antenna Input Impedance	300 ohms (balanced), 75 ohms (unbalanced)
Spurious Rejection	75 dB
AM Suppression	50 dB
Subcarrier Suppression	65 dB
IF Frequency	10.7 MHz
Muting Level	20 dB

AM Tuner

Receiving Frequency Range	525–1,605 kHz
Sensitivity (IHF)	300 μV/m (built-in bar antenna) 15 μV (external antenna terminal)
Selectivity	30 dB
Distortion	1%
IF Rejection	40 dB
Built-in Antenna	140 mm x 10 mm dia. (ferrite bar antenna)
External Antenna Terminal	Unbalanced
Image Ratio	40 dB
SN Ratio	50 dB
IF Frequency	455 kHz (EE model) 468 kHz (UK model)

- External appearance and specifications are subject to change without notice due to product improvements.

DISASSEMBLY INSTRUCTIONS

1. To Remove Bottom Cover

1) Remove 5 screws, (1) through (5).
(Refer to Fig. 1)

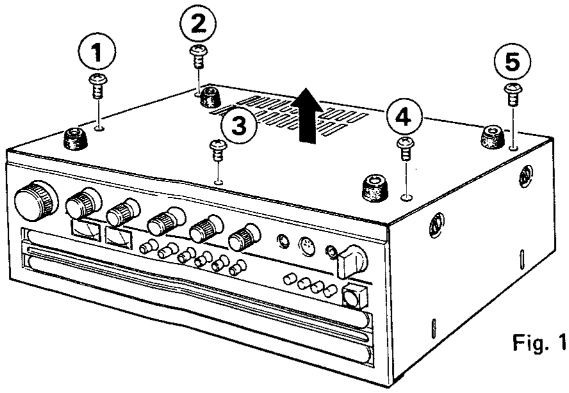


Fig. 1

2. To Remove Cabinet

1) Remove 5 screws, (1) through (5).
(Refer to Fig. 2)

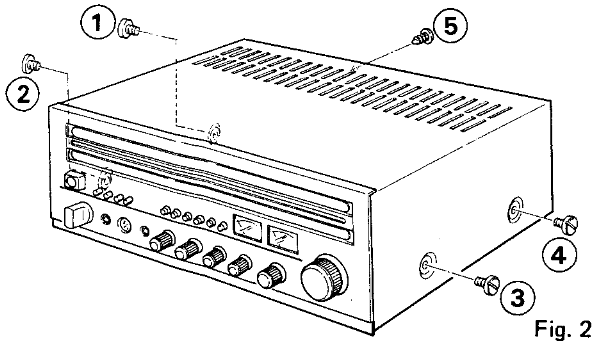


Fig. 2

3. To Remove Front Panel

1) Pull off the control knobs (1).
2) Loosen setscrew the Tuning knob (2) and the Speakers selector knob (3), and pull off both knobs.
3) Remove 3 screws, (4) through (6).
(Refer to Fig. 3).

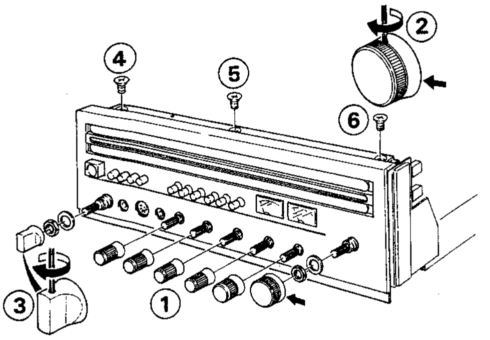


Fig. 3

4. To Remove LED-1 Circuit Board

1) Remove mounting screw (1).
(Refer to Fig. 4)

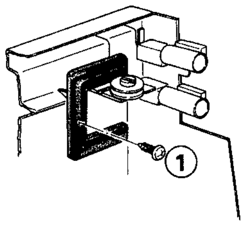


Fig. 4

5. To Remove LED-3 Circuit Board

1) Remove mounting screw (1).
(Refer to Fig. 4)

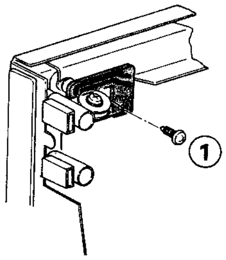


Fig. 5

6. To Remove Pre Amp / Selector Switch-1 Circuit Board

1) Remove 4 screws, (1) through (4). (Refer to Fig. 6)

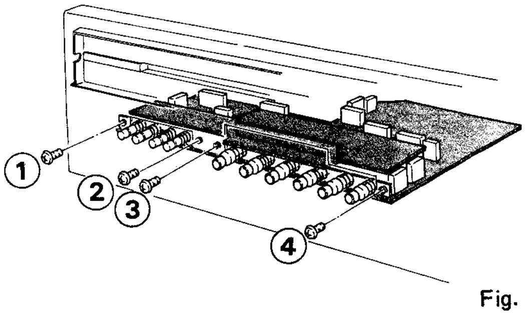


Fig. 6

2) Pull off the 12 connectors.
3) Pressing the PCB holder with small pincers or the like, pull the circuit board upward for removal.
(Refer to Fig. 7).

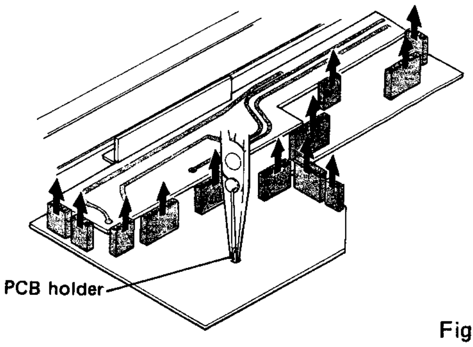


Fig. 7

7. To Remove Control Circuit Board

1) Remove 6 nuts (1).
(Refer to Fig. 8)

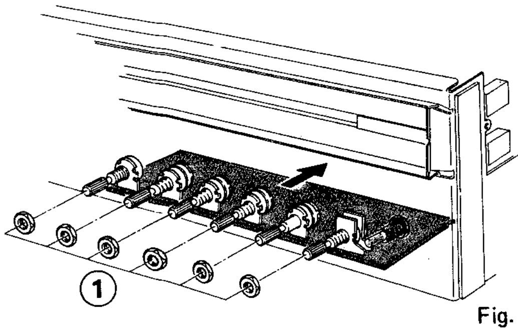


Fig. 8

8. To Remove Tuner Circuit Board

1) Remove 3 screws, (1) through (3).
(Refer to Fig. 9)

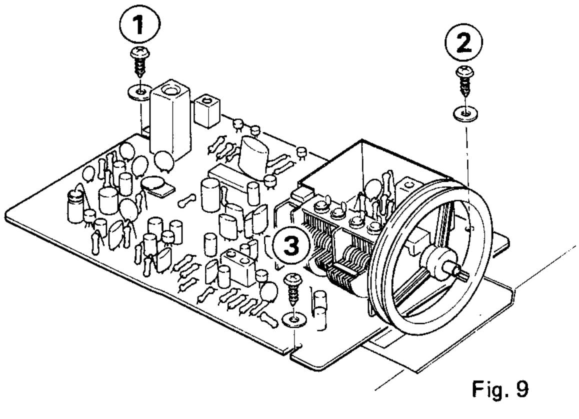


Fig. 9

9. To Remove Main Amp. Circuit Board

1) Pull off the 4 connectors, (1) through (4).
2) Remove 4 screws, (5) through (8).
(Refer to Fig. 10)

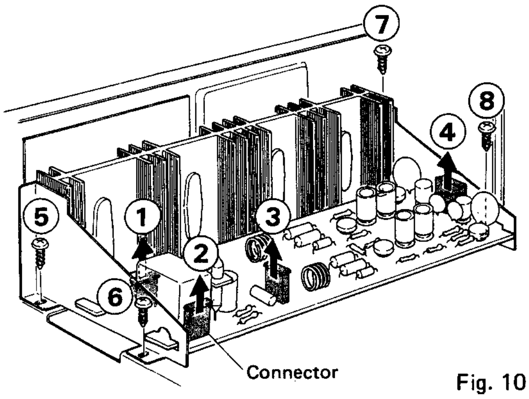


Fig. 10

10. To Remove Power Circuit Board

1) Pull off the 4 connectors, (1) through (4).
2) Remove mounting screw (5) and pull circuit board in arrow direction (6) to remove.
(Refer to Fig. 11)

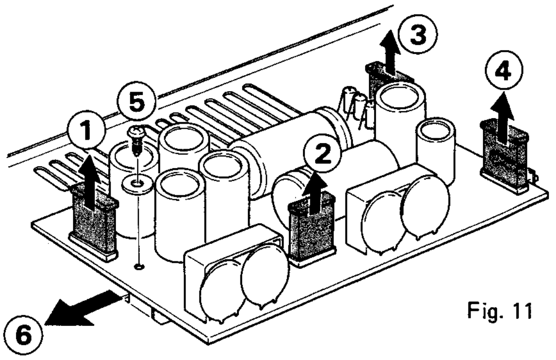


Fig. 11

11. To Remove Muting Circuit Board

1) Pressing the PCB holders (1 , 2) with small pincers or the like, pull the circuit board in arrow direction to remove. (Refer to Fig. 12).

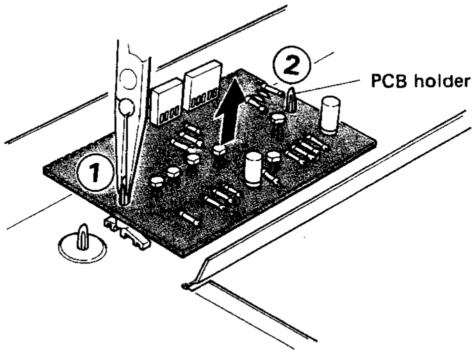


Fig. 12

12. To Remove Meter Reflector and Lamp Circuit Board

1) Remove mounting screw (1) and pull meter reflector in arrow direction to remove.
(Refer to Fig. 13)
2) Press circuit board in arrow (2) direction and pull, in arrow (3) direction to remove.
(Refer to Fig. 14)

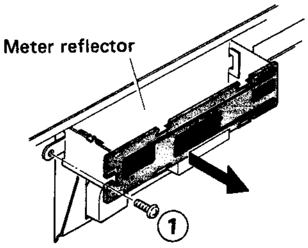


Fig. 13

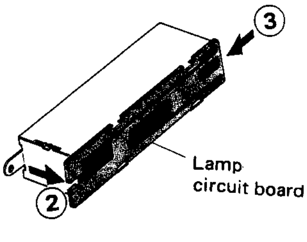


Fig. 14

13. To Remove Rear Panel Board

1) Remove 7 screw, (1) through (7).
(Refer to Fig. 15).

14. To Remove Ant. Terminal

1) Remove 2 nylon rivets, (8) and (9).
(Refer to Fig. 15).

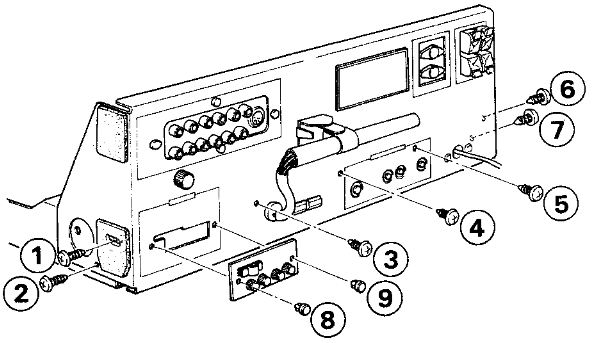


Fig. 15

15. To Remove Jack/Equalizer Amp Circuit Board

1) Using a soldering iron, disconnect one terminal (1) of the capacitor.
2) Remove 4 nylon rivets, (2) through (5).
(Refer to Fig. 16).

16. To Remove Speaker Terminal Board

1) Remove 6 nylon rivets, (6) through (11).
(Refer to Fig. 16).

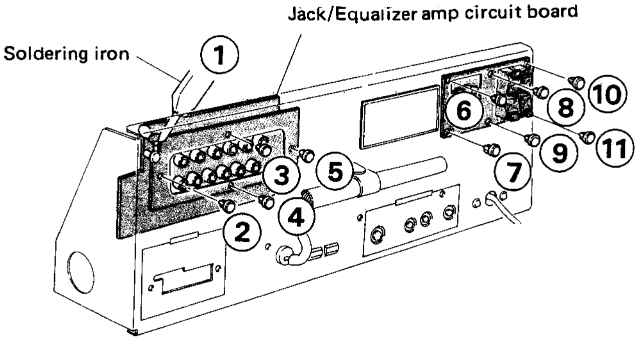
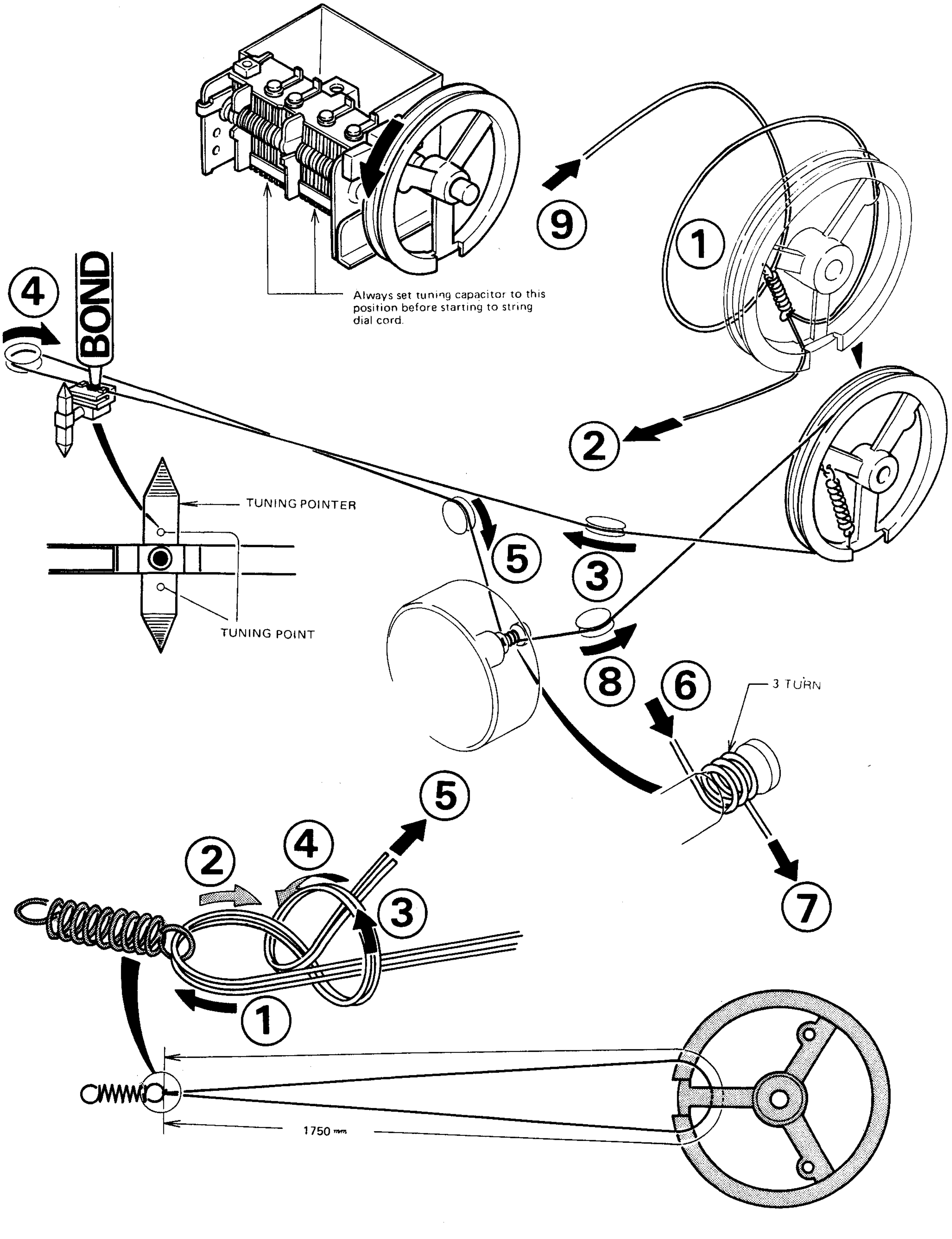

Jack/Equalizer amp circuit board
Soldering iron
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪

Fig. 16

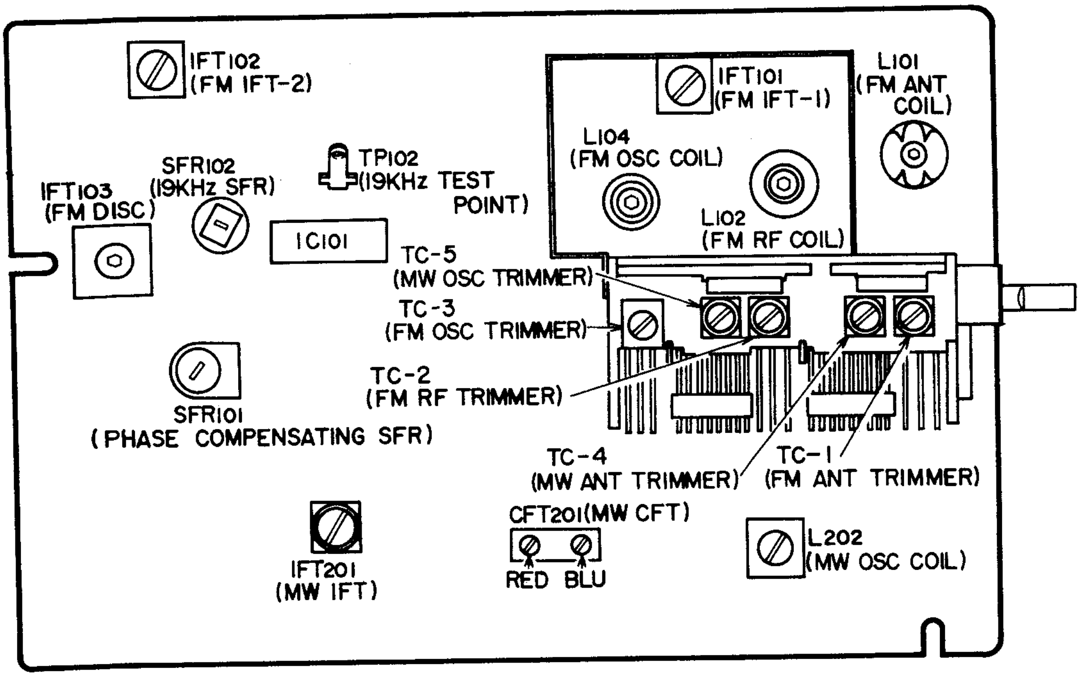
DIAL CORD STRINGING


Always set tuning capacitor to this position before starting to string dial cord.

⑨
①
②
④
BOND
TUNING POINTER
TUNING POINT
⑤
③
⑧
⑥
3 TURN
⑦
⑤
②
④
③
①
1750 mm

ADJUSTMENTS OF TUNER SECTION

■ Locations of Main Parts


IFT102
(FM IFT-2)
IFT101
(FM IFT-1)
L101
(FM ANT COIL)
L104
(FM OSC COIL)
SFR102
(19KHz SFR)
TP102
(19KHz TEST POINT)
IFT103
(FM DISC)
L102
(FM RF COIL)
IC101
TC-5
(MW OSC TRIMMER)
TC-3
(FM OSC TRIMMER)
TC-2
(FM RF TRIMMER)
SFR101
(PHASE COMPENSATING SFR)
TC-4
(MW ANT TRIMMER)
TC-1
(FM ANT TRIMMER)
CFT201(MW CFT)
RED BLU
IFT201
(MW IFT)
L202
(MW OSC COIL)

1. **Instruments Required**

Signal Source
1. RF Signal generator (AM, FM).
2. IF sweep generator (Centered 455 kHz/468 kHz for AM and 10.7 MHz for FM).

Output Indicator
1. V.T.V.M.
2. Oscilloscope

Regulator Adjusting Steps

For band	For stages on each band
1. AM (MW)	1st: IF 2nd: RF frequency range 3rd: RF tracking
2. FM	1st: IF 2nd: RF frequency range 3rd: RF tracking

AM-IF Alignment

Step	Signal source	Set signal to	Alignment indicator	Set radio dial to	Adjust	Adjust for
	Connect to		Connect to			
1	AM IF sweep gen. Antenna terminal	Sweep centered 455 kHz ("EE") 468 kHz ("UK")	Oscilloscope AM det. output tab	Min. Freq	CFT201 IFT201	Maximum

MW-RF Alignment

Step	Signal source	Set signal to	Alignment indicator	Set radio dial to	Adjust	Adjust for
	Connect to		Connect to			
1	AM signal gen. Antenna terminal	MW 515 kHz (Modulated)	V.T.V.M. AM det. output tab	515 kHz (Low end)	L202 (OSC coil)	Maximum
2	Antenna terminal	1650 kHz (Modulated)	AM det. output tab	1650 kHz (High end)	TC-5 (OSC trim.)	Maximum
3	(Repeat steps 1 and 2 to obtain frequency range.)					
4	Antenna terminal	600 kHz (Modulated)	AM det. output tab	600 kHz	L201 (ANT coil)	Maximum
5	Antenna terminal	1400 kHz (Modulated)	AM det. output tab	1400 kHz	TC-4 (ANT trim.)	Maximum
6	(Repeat steps 4 and 5 to minimize tracking error, and also step 3 if necessary.)					

FM-IF Alignment

Step	Signal source	Set signal to	Alignment indicator	Set radio dial to	Adjust	Adjust for
	Connect to		Connect to			
1	FM IF sweep gen. Antenna terminal	Sweep centered 10.7 MHz	Oscilloscope FM det. output tab	Max. Freq.	IFT101 IFT102	Max. Symmetrical response, equal heights
2	Antenna terminal	Sweep centered 10.7 MHz	FM det. output tab	Max. Freq.	IFT103	Symmetrical response, centered 10.7 MHz
3	(Repeat 1 and 2 to obtain a balanced "S" curve linearity.)					

FM-RF Alignment

Step	Signal source	Set signal to	Alignment indicator	Set radio dial to	Adjust	Adjust for
	Connect to		Connect to			
1	FM signal gen. Antenna terminal	88 MHz (Modulated)	V.T.V.M. FM det. output tab	88 MHz	L104 (OSC coil)	Maximum
2	Antenna terminal	107 MHz (Modulated)	FM det. output tab	107 MHz	TC-3 (OSC trim.)	Maximum
3	(Repeat steps 1 and 2 to obtain frequency range.)					
4	Antenna terminal	88 MHz (Modulated)	FM det. output tab	88 MHz	L101 (ANT coil) L102 (RFcoil)	Maximum
5	Antenna terminal	107 MHz (Modulated)	FM det. output tab	107 MHz	TC-1 (ANT trim) TC-2 (RF trim)	Maximum
6	(Repeat steps 4 and 5 to minimize tracking error, and step 3 if necessary.)					

MPX Adjustment

- **19 kHz**

Conditions:
Selector switch: FM
ST/MONO switch: MONO
Dial position: detuned from station
Adjust SFR102 for 19kHz ± 50Hz frequency at 19kHz test point (TP102).

- **MPX**

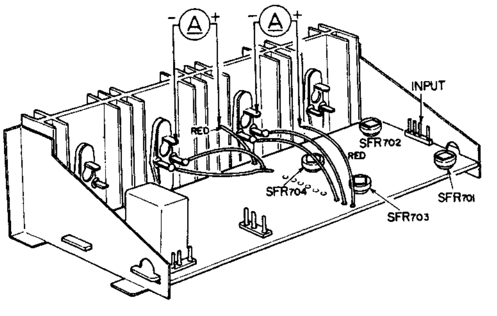
Conditions:
Carrier frequency: 96 MHz
Modulation: Pilot signal 10%
Composite signal 90%
Modulation frequency: 1 kHz
Tune dial to 96 MHz and adjust SFR101 for optimum separation (40 dB).

How to change the upper limit of FM frequency range from 107MHz to 103MHz.

Symbol No.	Description	107 MHz		103 MHz	
L102	FM COIL	2-½t	82-470-622-01	1-½t	99-470-112-01
L104	FM COIL	1-½t	82-473-689-01	¾t	99-473-034-01
C101	Ceramic Capacitor	6PF	88-213-060-01	–	–
C105	Ceramic Capacitor	6PF	88-213-060-01	–	–
C170	Ceramic Capacitor	12PF	88-251-122-01	27PF	88-251-232-01

ADJUSTMENTS OF MAIN AMP.

- **Location of Main Parts.**



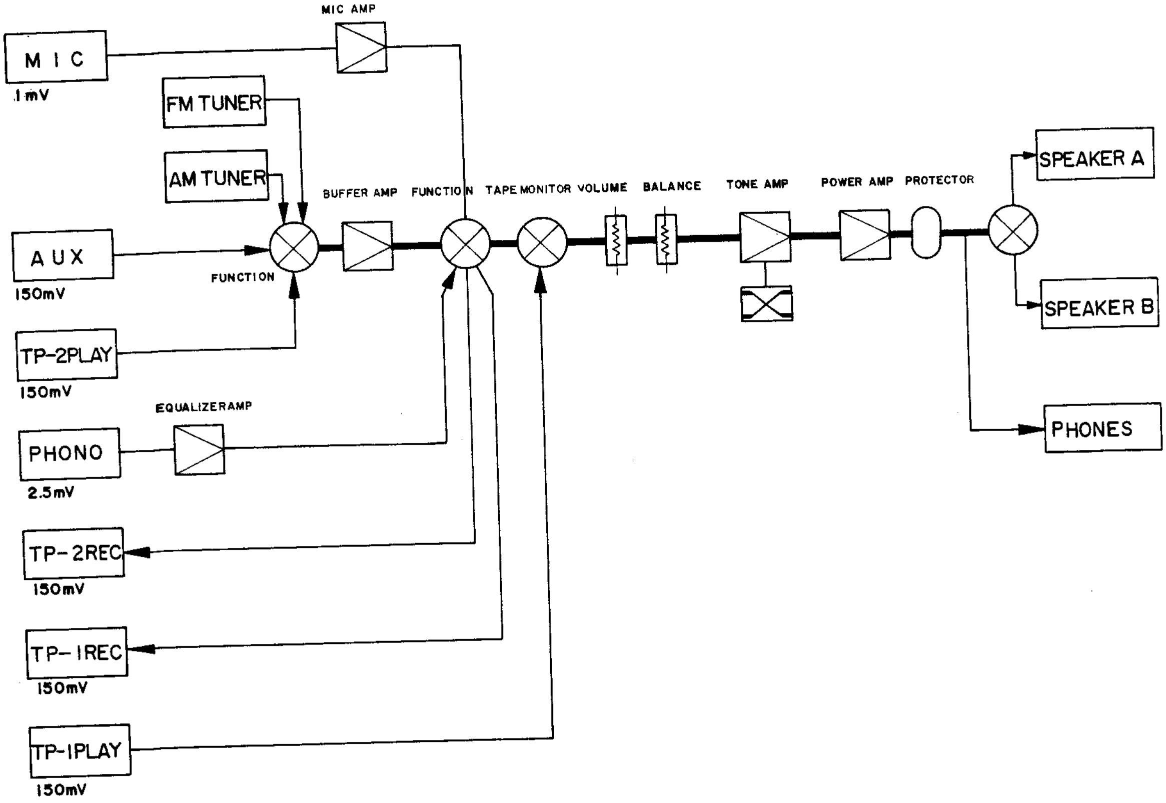
1. Idling Current

Short input terminals. Disconnect TR711 (712) collector lead (red) and connect current meter. Adjust idling current trimmer resistor SFR701 (702) for 30 mA idling current.

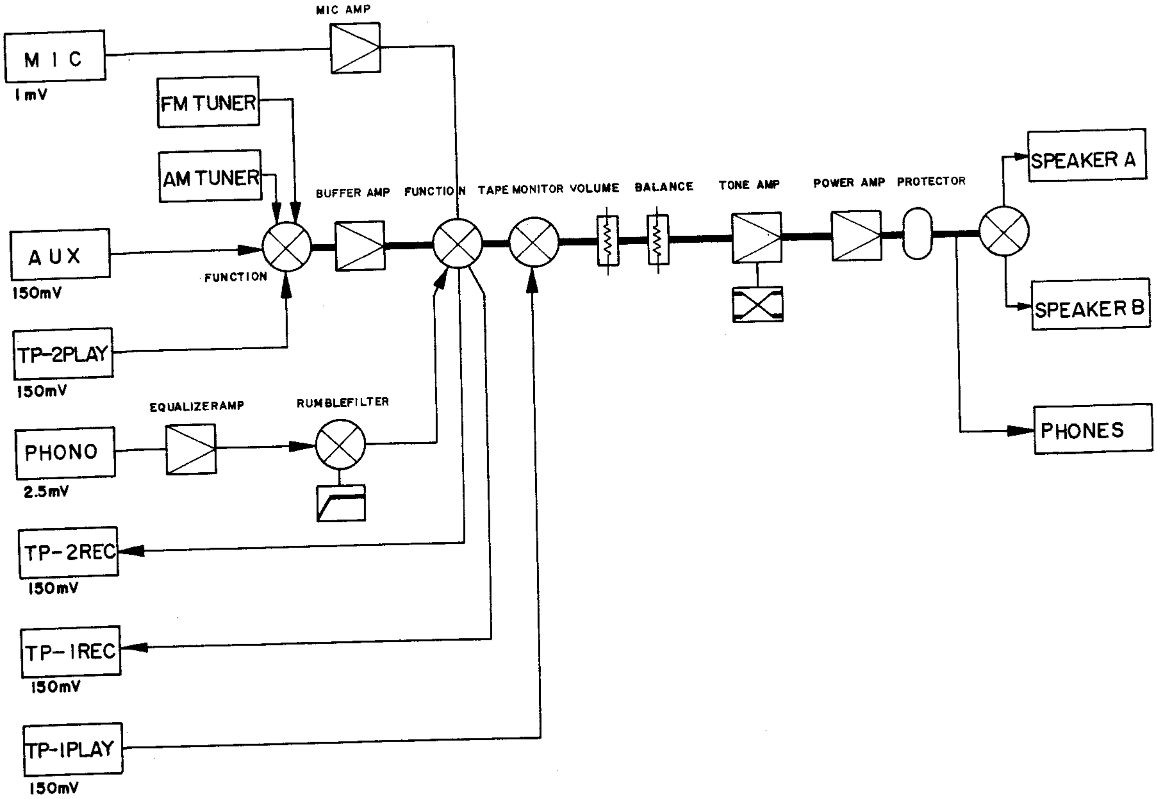
2. DC Balance

After adjusting the idling current, adjust DC balance trimmer resistor SFR703 (704) for 0 V potential at speaker terminals.

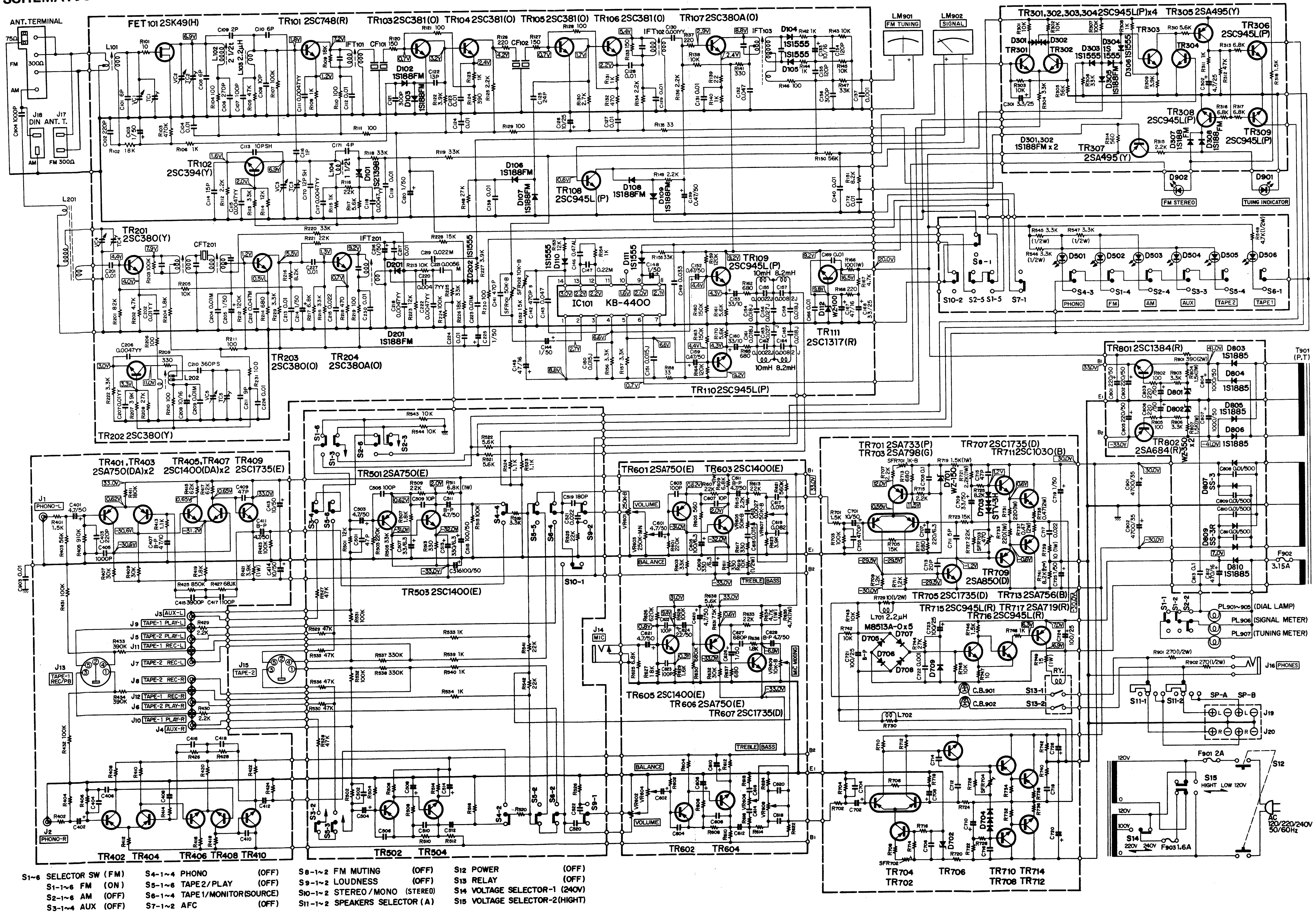
BLOCK DIAGRAM – AX-7500EE


MIC AMP
M I C
1mV
FM TUNER
AM TUNER
BUFFER AMP
FUNCTION
TAPE MONITOR
VOLUME
BALANCE
TONE AMP
POWER AMP
PROTECTOR
SPEAKER A
SPEAKER B
PHONES
A U X
150mV
FUNCTION
TP-2PLAY
150mV
EQUALIZERAMP
PHONO
2.5mV
TP-2REC
150mV
TP-1REC
150mV
TP-1PLAY
150mV

BLOCK DIAGRAM – AX-7500UK

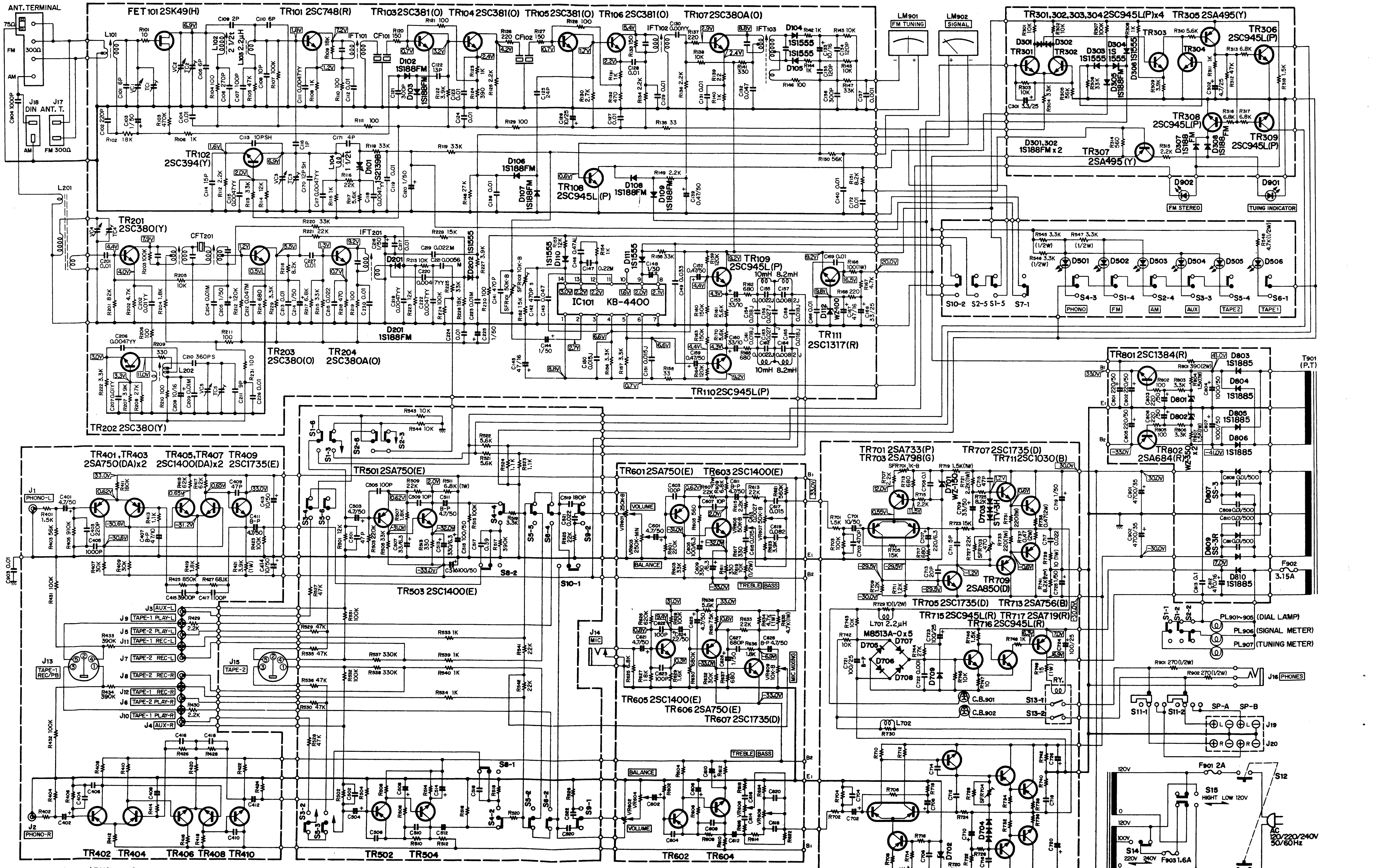

MIC AMP
M I C
1mV
FM TUNER
AM TUNER
BUFFER AMP
FUNCTION
TAPE MONITOR
VOLUME
BALANCE
TONE AMP
POWER AMP
PROTECTOR
SPEAKER A
SPEAKER B
PHONES
A U X
150mV
FUNCTION
TP-2PLAY
150mV
EQUALIZERAMP
RUMBLEFILTER
PHONO
2.5mV
TP-2REC
150mV
TP-1REC
150mV
TP-1PLAY
150mV

SCHEMATIC DIAGRAM – AX-7500EE


ANT. TERMINAL
75Ω
FM
300Ω
AM
J18 DIN
J17 ANT. T.
FM 300Ω
FET101 2SK49(H)
TR101 2SC748(R)
TR103 2SC381(O)
TR104 2SC381(O)
TR105 2SC381(O)
TR106 2SC381(O)
TR107 2SC380A(O)
TR102 2SC394(Y)
TR108 2SC945L(P)
D106 1S188FM
D107 1S188FM
D108 1S188FM
D109 1S188FM
D104 1S1555
D105 1S1555
LM901 FM TUNING
LM902 SIGNAL
TR301,302,303,304 2SC945L(P)x4
TR305 2SA495(Y)
TR306 2SC945L(P)
TR307 2SA495(Y)
TR308 2SC945L(P)
TR309 2SC945L(P)
D301,302 1S188FM x 2
D902 FM STEREO
D901 TUNING INDICATOR
TR201 2SC380(Y)
CFT201
IFT201
TR203 2SC380(O)
TR204 2SC380A(O)
TR202 2SC380(Y)
D201 1S188FM
D202 1S1555
IC101 KB-4400
TR109 2SC945L(P)
TR110 2SC945L(P)
TR111 2SC1317(R)
S8-1
S10-2
S2-5
S1-5
S7-1
D501
D502
D503
D504
D505
D506
S4-3 PHONO
S1-4 FM
S2-4 AM
S3-3 AUX
S5-4 TAPE2
S6-1 TAPE1
TR801 2SC1384(R)
TR802 2SA684(R)
D803 1S1885
D804 1S1885
D805 1S1885
D806 1S1885
T901 (P.T)
TR401,TR403 2SA750(DA)x2
TR405,TR407 2SC1400(DA)x2
TR409 2SC1735(E)
J1 PHONO-L
J2 PHONO-R
TR501 2SA750(E)
TR503 2SC1400(E)
TR601 2SA750(E)
TR603 2SC1400(E)
VOLUME
BALANCE
TREBLE
BASS
TR605 2SC1400(E)
TR606 2SA750(E)
TR607 2SC1735(D)
J14 MIC
MIC MIXING
J3 AUX-L
J9 TAPE-1 PLAY-L
J5 TAPE-2 PLAY-L
J11 TAPE-1 REC-L
J7 TAPE-2 REC-L
J8 TAPE-2 REC-R
J12 TAPE-1 REC-R
J6 TAPE-2 PLAY-R
J10 TAPE-1 PLAY-R
J4 AUX-R
J13 TAPE-1 REC/PB
J15 TAPE-2
S10-1
TR701 2SA733(P)
TR703 2SA798(G)
TR707 2SC1735(D)
TR711 2SC1030(B)
TR709 2SA850(D)
TR705 2SC1735(D)
TR713 2SA756(B)
TR715 2SC945L(R)
TR717 2SA719(R)
TR716 2SC945L(R)
M8513A-0x5
D705
D706
D707
D708
L701 2.2μH
L702
C.B.901
C.B.902
S13-1
S13-2
RY.
D807 SS-3
D809 SS-3R
D810 1S1885
F902 3.15A
S1-1
S2-2
PL901~905 (DIAL LAMP)
PL906 (SIGNAL METER)
PL907 (TUNING METER)
J16 PHONES
S11-1
S11-2
SP-A
SP-B
J19
J20
F901 2A
S12
S15 HIGHT LOW 120V
S14 220V 240V
F903 1.6A
AC 120/220/240V 50/60Hz
TR402 TR404
TR406 TR408 TR410
TR502 TR504
TR602 TR604
TR704 TR702
TR706
TR710 TR714
TR708 TR712

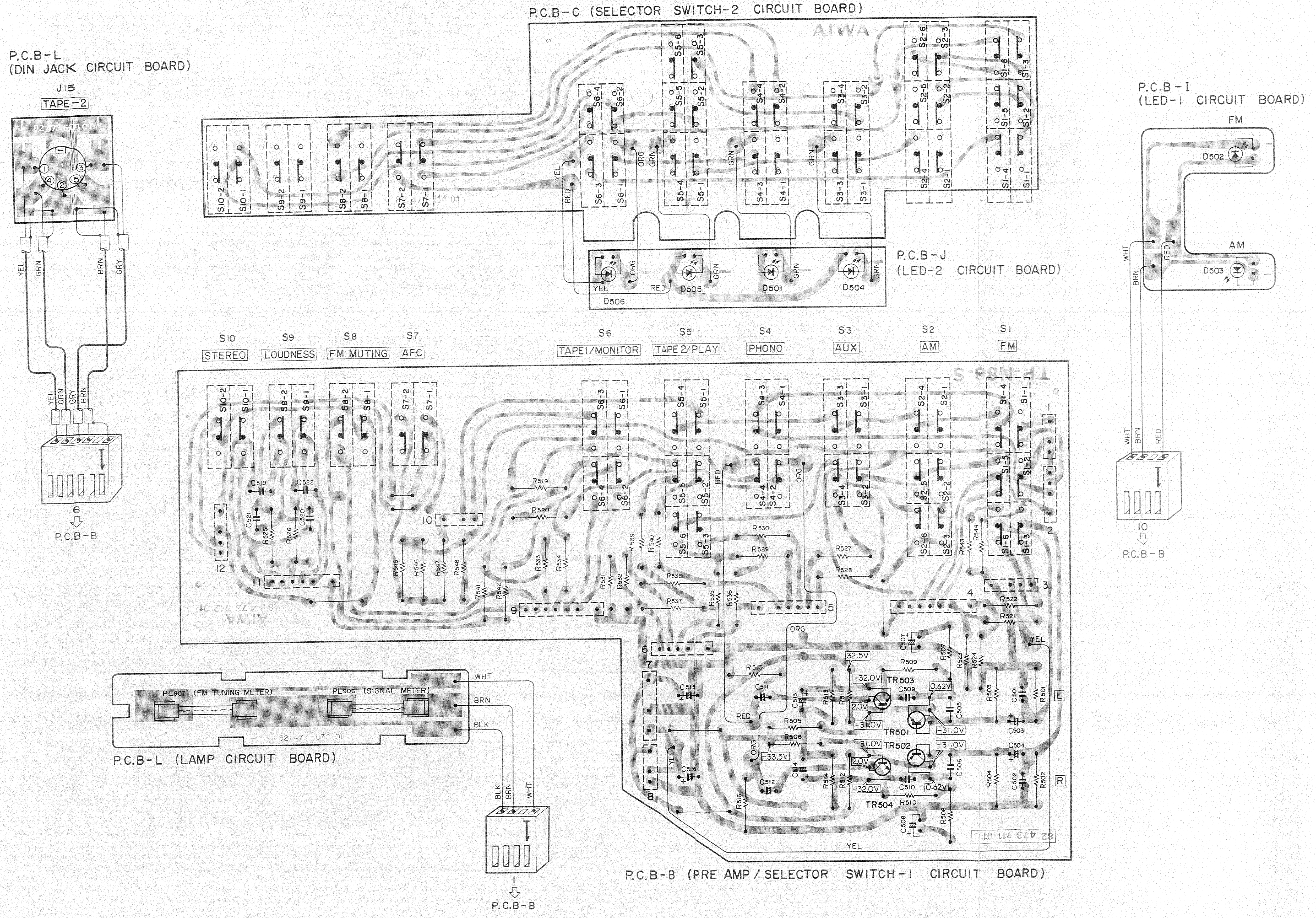
S1~6	SELECTOR SW	(FM)
S1-1~6	FM	(ON)
S2-1~6	AM	(OFF)
S3-1~4	AUX	(OFF)
S4-1~4	PHONO	(OFF)
S5-1~6	TAPE2/PLAY	(OFF)
S6-1~4	TAPE1/MONITOR	(SOURCE)
S7-1~2	AFC	(OFF)
S8-1~2	FM MUTING	(OFF)
S9-1~2	LOUDNESS	(OFF)
S10-1~2	STEREO/MONO	(STEREO)
S11-1~2	SPEAKERS SELECTOR	(A)
S12	POWER	(OFF)
S13	RELAY	(OFF)
S14	VOLTAGE SELECTOR-1	(240V)
S15	VOLTAGE SELECTOR-2	(HIGHT)

SCHEMATIC DIAGRAM – AX-7500UK

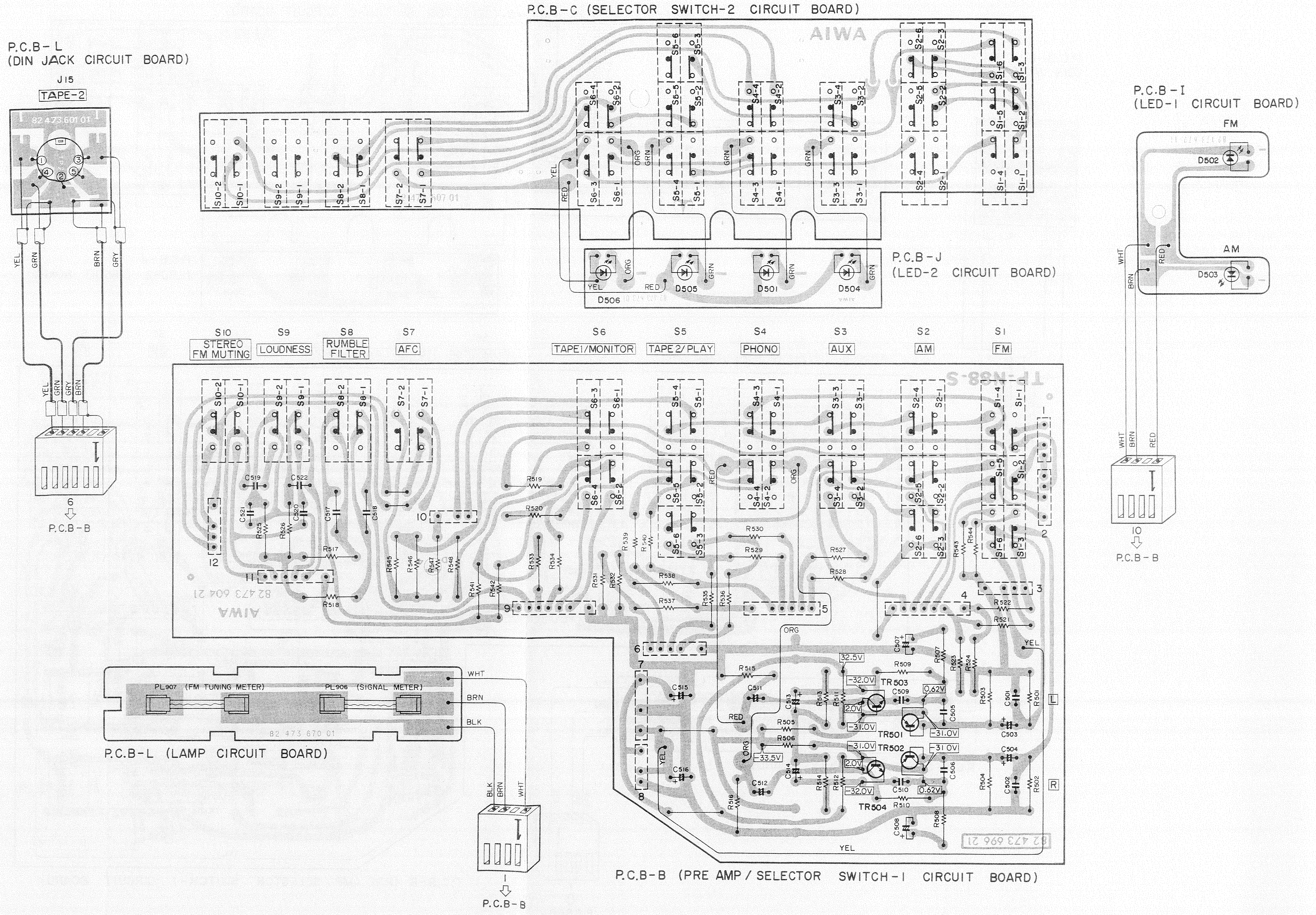

ANT. TERMINAL
FM 300Ω
AM
75Ω
J18 DIN
J17 ANT. T.
FET101 2SK49(H)
TR101 2SC748(R)
TR103 2SC381(O)
TR104 2SC381(O)
TR105 2SC381(O)
TR106 2SC381(O)
TR107 2SC380A(O)
TR102 2SC394(Y)
TR108 2SC945L(P)
TR109 2SC945L(P)
TR110 2SC945L(P)
TR111 2SC1317(R)
IC101 KB-4400
TR201 2SC380(Y)
TR202 2SC380(Y)
TR203 2SC380(O)
TR204 2SC380A(O)
LM901 FM TUNING
LM902 SIGNAL
TR301,302,303,304 2SC945L(P)x4
TR305 2SA495(Y)
TR306 2SC945L(P)
TR307 2SA495(Y)
TR308 2SC945L(P)
TR309 2SC945L(P)
D301,302 1S188FM x 2
D902 FM STEREO
D901 TUING INDICATOR
D501 D502 D503 D504 D505 D506
S10-2 S2-5 S1-5 S7-1
S4-3 PHONO
S1-4 FM
AM
S3-3 AUX
S5-4 TAPE2
S6-1 TAPE1
TR801 2SC1384(R)
TR802 2SA684(R)
D803 D804 D805 D806 1S1885
T901 (P.T)
TR401, TR403 2SA750(DA)x2
TR405, TR407 2SC1400(DA)x2
TR409 2SC1735(E)
J1 PHONO-L
J2 PHONO-R
TR402 TR404 TR406 TR408 TR410
TR501 2SA750(E)
TR503 2SC1400(E)
TR502 TR504
S8-2
S10-1
S8-1
TR601 2SA750(E)
TR603 2SC1400(E)
VOLUME
BALANCE
TREBLE
BASS
J14 MIC
MIC MIXING
TR605 2SC1400(E)
TR606 2SA750(E)
TR607 2SC1735(D)
TR602 TR604
TR701 2SA733(P)
TR703 2SA798(G)
TR707 2SC1735(D)
TR711 2SC1030(B)
TR709 2SA850(D)
TR705 2SC1735(D)
TR713 2SA756(B)
TR715 2SC945L(R)
TR716 2SC945L(R)
TR717 2SA719(R)
M8513A-0x5
C.B.901
C.B.902
RY.
S13-1
S13-2
TR704 TR702
TR706
TR710 TR714
TR708 TR712
J3 AUX-L
J9 TAPE-1 PLAY-L
J5 TAPE-2 PLAY-L
J11 TAPE-1 REC-L
J7 TAPE-2 REC-L
J13 TAPE-1 REC/PB
J15 TAPE-2
J8 TAPE-2 REC-R
J12 TAPE-1 REC-R
J6 TAPE-2 PLAY-R
J10 TAPE-1 PLAY-R
J4 AUX-R
F902 3.15A
PL901~905 (DIAL LAMP)
PL906 (SIGNAL METER)
PL907 (TUNING METER)
J16 PHONES
S11-1 S11-2
SP-A SP-B
J19 J20
F901 2A
S12
S15 HIGHT LOW 120V
S14 220V 240V
F903 1.6A
AC 120/220/240V 50/60Hz

$S_{1\sim6}$	SELECTOR SW	(FM)
$S_{1-1\sim6}$	FM	(ON)
$S_{2-1\sim6}$	AM	(OFF)
$S_{3-1\sim4}$	AUX	(OFF)
$S_{4-1\sim4}$	PHONO	(OFF)
$S_{5-1\sim6}$	TAPE2/PLAY	(OFF)
$S_{6-1\sim4}$	TAPE1/MONITOR	(SOURCE)
$S_{7-1\sim2}$	AFC	(OFF)
$S_{8-1\sim2}$	RUMBLE FILTER	(OFF)
$S_{9-1\sim2}$	LOUDNESS	(OFF)
$S_{10-1\sim2}$	STEREO/MONO FM MUTING	(STEREO) (ON)
$S_{11-1\sim2}$	SPEAKERS SELECTOR	(A)
S_{12}	POWER	(OFF)
S_{13}	RELAY	(OFF)
S_{14}	VOLTAGE SELECTOR-1	(240V)
S_{15}	VOLTAGE SELECTOR-2	(HIGHT)

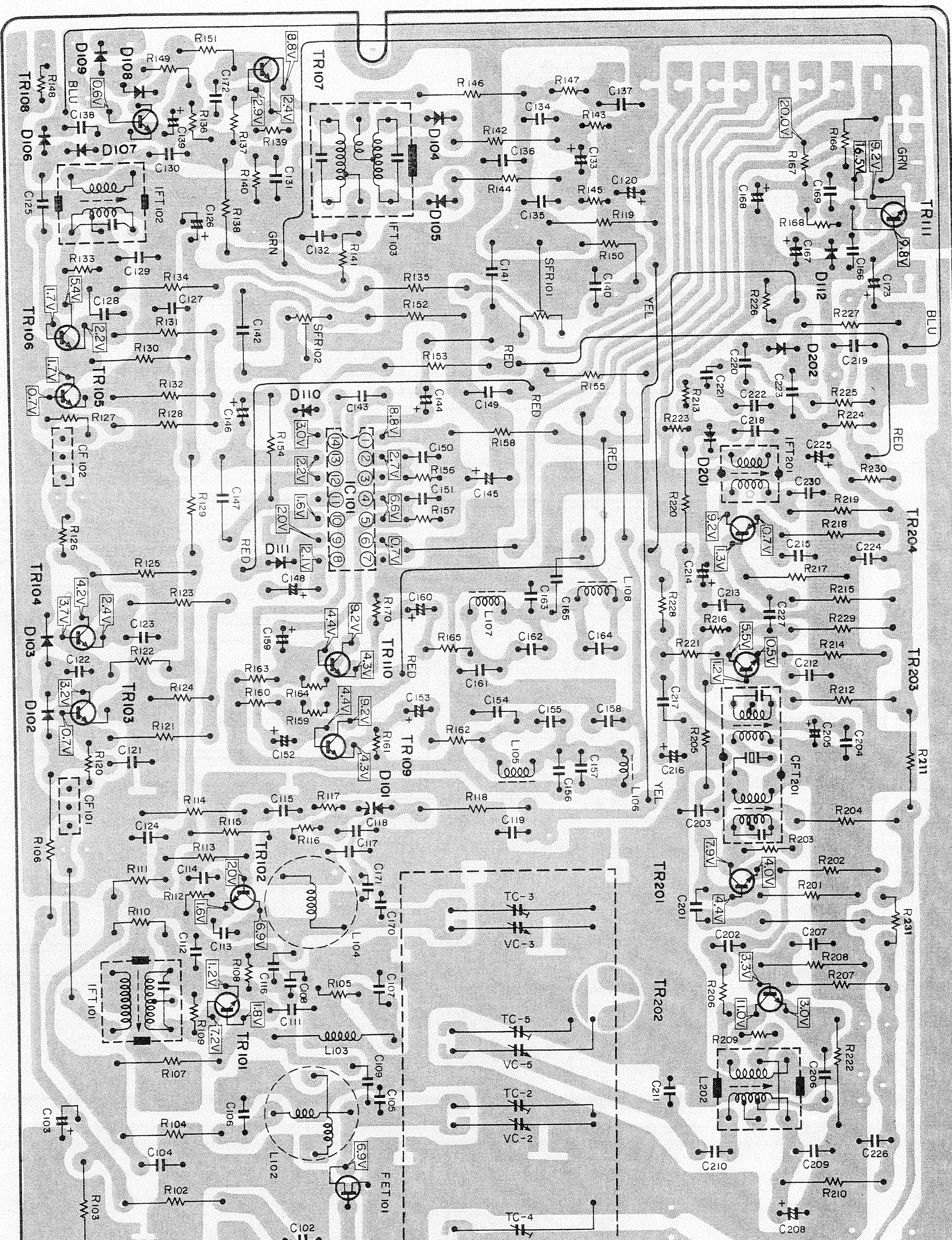
SELECTOR SWITCH-2, PRE AMP/SELECTOR SWITCH-1, LAMP, LED-1 & DIN JACK CIRCUIT BOARD – AX-7500EE


P.C.B-C (SELECTOR SWITCH-2 CIRCUIT BOARD)
P.C.B-L (DIN JACK CIRCUIT BOARD)
J15
TAPE-2
82 473 601 01
YEL
GRN
BRN
GRY
6
P.C.B-B
AIWA
S10-2
S10-1
S9-2
S9-1
S8-2
S8-1
S7-2
S7-1
S6-4
S6-2
S6-3
S6-1
S5-6
S5-3
S5-5
S5-2
S5-4
S5-1
S4-4
S4-2
S4-3
S4-1
S3-4
S3-2
S3-3
S3-1
S2-6
S2-3
S2-5
S2-2
S2-4
S2-1
S1-6
S1-3
S1-5
S1-2
S1-4
S1-1
RED
ORG
P.C.B-J (LED-2 CIRCUIT BOARD)
D506
D505
D501
D504
P.C.B-I (LED-1 CIRCUIT BOARD)
FM
D502
AM
D503
WHT
10
S10
STEREO
S9
LOUDNESS
S8
FM MUTING
S7
AFC
S6
TAPE1/MONITOR
S5
TAPE2/PLAY
S4
PHONO
S3
AUX
S2
AM
S1
FM
TP-N88-S
C519
C522
C521
C520
R525
R526
R519
R520
R545
R546
R547
R548
R541
R542
R533
R534
R539
R540
R531
R532
R538
R537
R535
R536
R530
R529
R527
R528
R543
R544
R522
R521
82 473 712 01
12
11
9
5
4
3
2
1
7
8
C507
R507
R509
R515
32.5V
-32.0V
TR503
C509
0.62V
R523
R524
R503
C501
R501
L
C511
C513
R513
R511
2.0V
C505
C515
-31.0V
TR501
-31.0V
C503
R505
R506
-31.0V
TR502
-31.0V
C504
-33.5V
2.0V
C514
C516
R514
R512
R504
C502
R502
R
C512
-32.0V
C510
0.62V
C506
R516
TR504
R510
C508
R508
82 473 711 01
P.C.B-B (PRE AMP / SELECTOR SWITCH-1 CIRCUIT BOARD)
PL907 (FM TUNING METER)
PL906 (SIGNAL METER)
82 473 670 01
BLK
P.C.B-L (LAMP CIRCUIT BOARD)
1

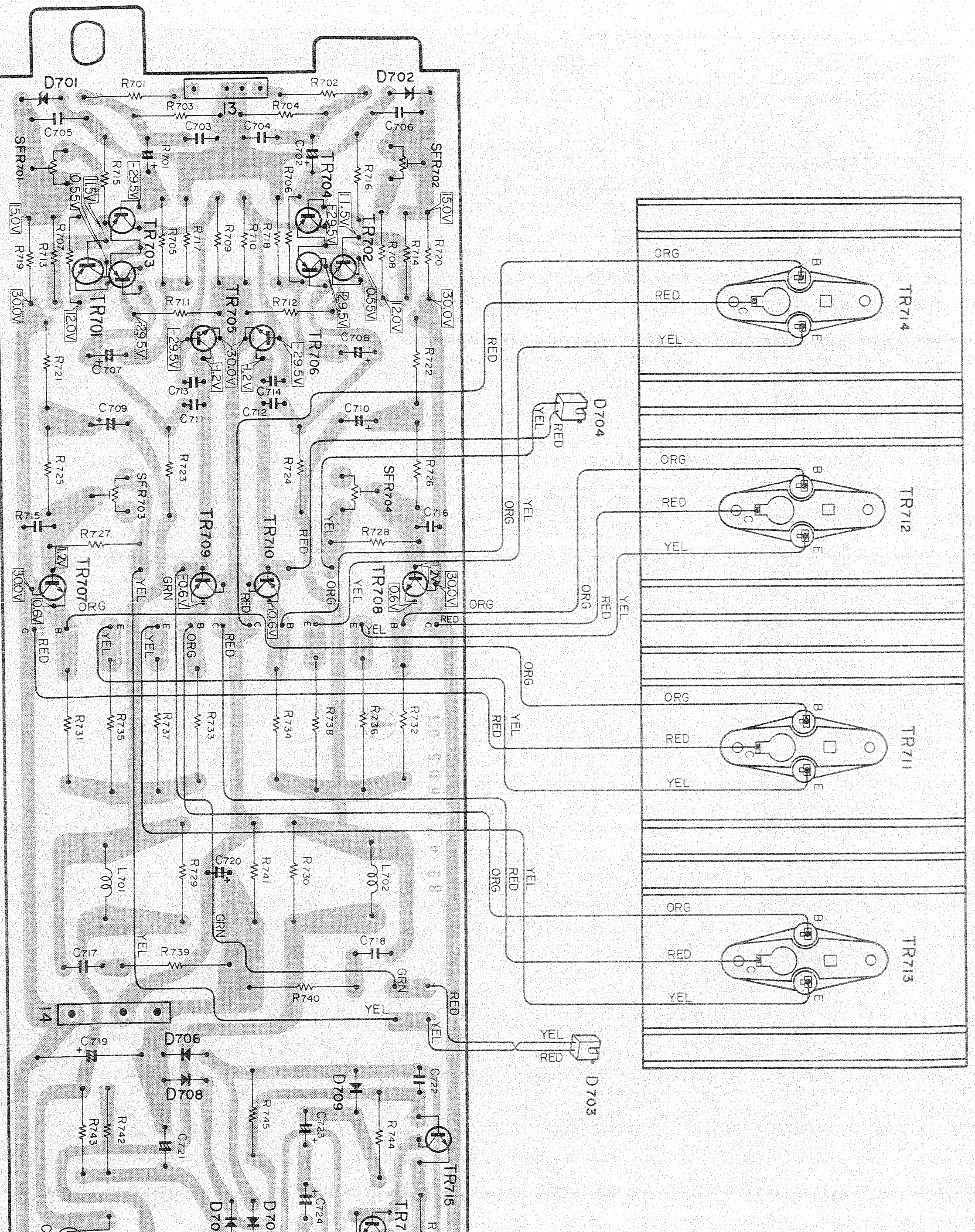
SELECTOR SWITCH-2, PRE AMP/SELECTOR SWITCH-1, LAMP, LED-1 & DIN JACK CIRCUIT BOARD – AX-7500UK


P.C.B–C (SELECTOR SWITCH-2 CIRCUIT BOARD)
P.C.B–L
(DIN JACK CIRCUIT BOARD)
J15
TAPE-2
82 473 601 01
YEL
GRN
BRN
GRY
6
P.C.B–B
P.C.B–J
(LED-2 CIRCUIT BOARD)
D506
D505
D501
D504
P.C.B–I
(LED-1 CIRCUIT BOARD)
FM
D502
AM
D503
WHT
BRN
RED
10
P.C.B–B
S10
STEREO FM MUTING
S9
LOUDNESS
S8
RUMBLE FILTER
S7
AFC
S6
TAPE1/MONITOR
S5
TAPE2/PLAY
S4
PHONO
S3
AUX
S2
AM
S1
FM
82 473 604 21
AIWA
PL907 (FM TUNING METER)
PL906 (SIGNAL METER)
82 473 670 01
P.C.B–L (LAMP CIRCUIT BOARD)
BLK
1
P.C.B–B
TR501
TR502
TR503
TR504
32.5V
-32.0V
0.62V
2.0V
-31.0V
-33.5V
L
R
82 473 696 21
P.C.B–B (PRE AMP / SELECTOR SWITCH-1 CIRCUIT BOARD)

TUNER CIRCUIT BOARD

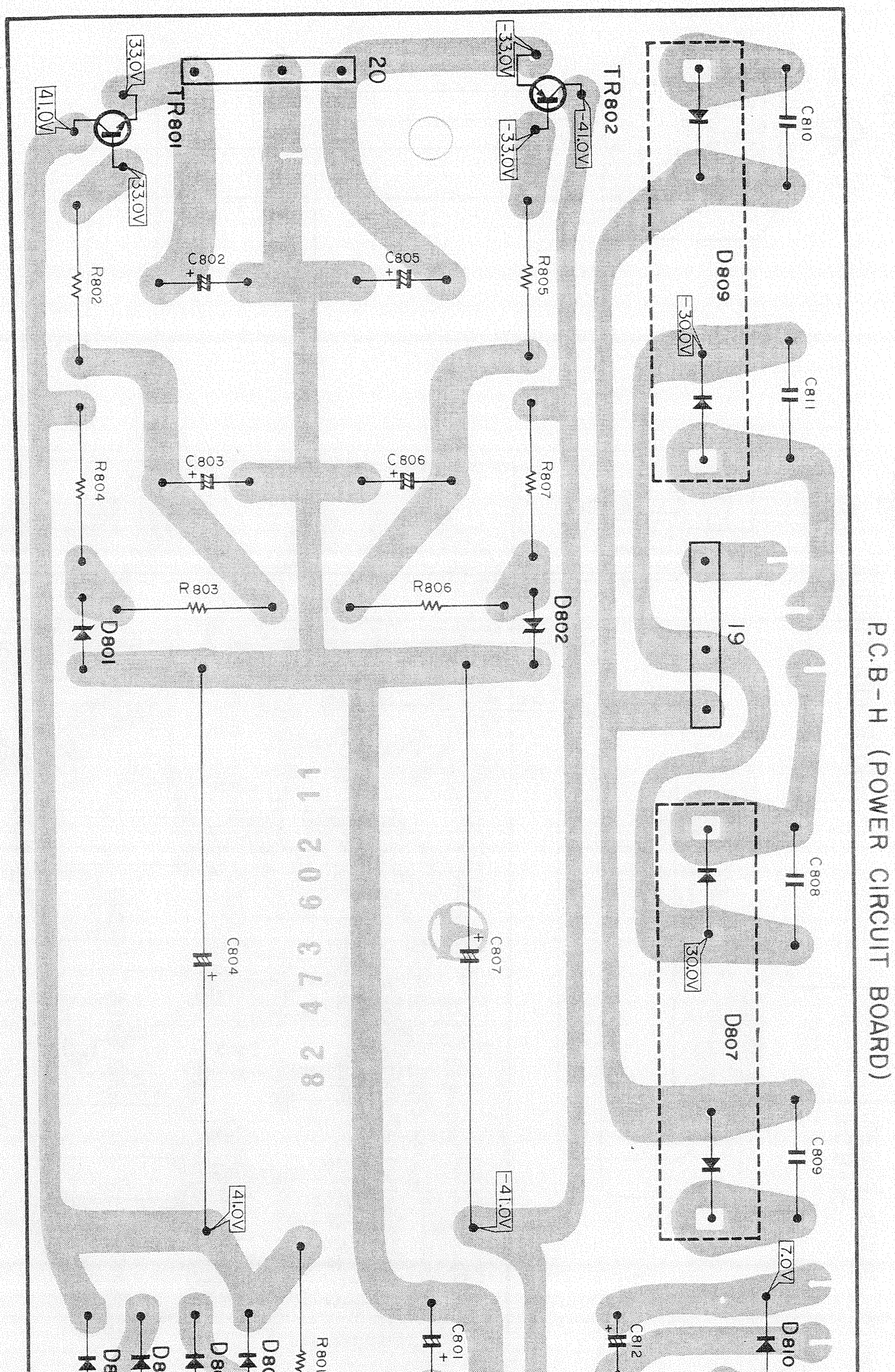

P.C.B-A (TUNER CIRCUIT BOARD)
82-473-695-11
TR108
R148
D109
D108
BLU
0.6V
R151
R149
C172
8.8V
2.4V
2.9V
TR107
C138
D106
D107
C139
R136
R137
R139
R140
C130
C131
C125
IFT102
C126
R138
GRN
R146
R147
C137
C134
R143
R142
D104
C136
C133
R144
R145
C120
C135
R119
IFT103
D105
C132
R141
R133
C129
R134
C128
C127
5.4V
1.7V
TR106
R131
2.2V
R130
TR105
0.7V
R132
R127
R128
C146
CF102
C142
SFR102
R135
R152
R153
C141
SFR101
R150
C140
YEL
RED
R155
C149
C144
C143
D110
8.8V
3.0V
R154
2.7V
C150
R156
R158
C145
C151
R157
6.6V
1.6V
2.0V
IC101
2.1V
D111
C148
R126
R129
C147
R125
R123
TR104
4.2V
3.7V
C123
D103
C122
R122
R124
TR103
3.2V
D102
R121
C121
R120
CF101
R106
R170
C160
9.2V
4.4V
TR110
4.3V
C159
L107
C163
C165
L108
C162
C164
R165
C161
R163
R160
R164
R159
C153
C154
C155
C158
C152
R161
TR109
R162
L105
C157
C156
L106
D101
R114
C115
R117
R118
R115
C124
R116
C118
C117
C119
R113
TR102
R111
C114
R112
6.9V
C171
C170
L104
R110
C112
C113
R108
C116
C108
R105
C107
IFT101
1.2V
1.8V
C111
R109
7.2V
TR101
L103
R107
C109
C105
C106
C103
R104
L102
C104
FET101
R102
R103
C102
R101
C101
L101
TC-3
VC-3
TC-5
VC-5
TC-2
VC-2
TC-4
VC-4
TC-1
VC-1
TR201
TR202
C211
C201
C210
20.0V
R166
R167
C168
C169
9.2V
16.5V
TR111
R168
C167
D112
C166
C173
9.8V
R226
R227
D202
C220
C221
C219
C223
C222
R225
R213
R224
R223
C218
D201
C225
R230
C230
R220
R219
R218
1.3V
TR204
C215
C224
R217
C214
R228
C213
R215
C227
R216
R229
R221
5.5V
0.5V
R214
C212
TR203
C217
R212
C205
C204
R205
C216
CFT201
R211
C203
R204
R203
7.9V
4.0V
R202
R201
R231
C202
C207
3.3V
R208
R206
R207
11.0V
R209
R222
L202
C206
C209
C226
R210
C208

MAIN AMP CIRCUIT BOARD

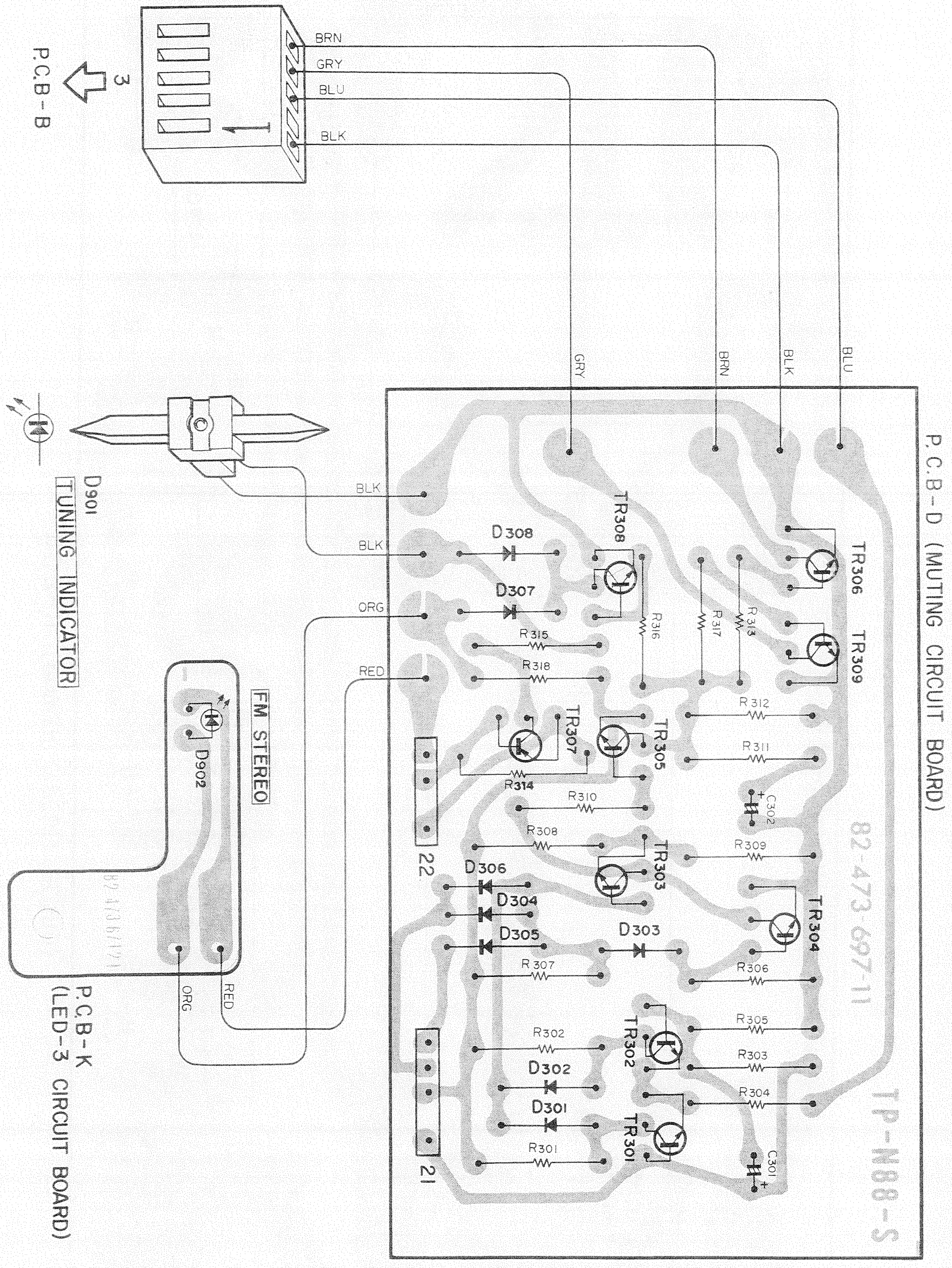

D701
R701
R702
D702
R703
I3
R704
C703
C704
C705
C706
C702
SFR701
SFR702
R715
R716
R705
R706
R707
R708
R709
R710
R711
R712
R713
R714
R717
R718
R719
R720
TR701
TR702
TR703
TR704
TR705
TR706
C707
C708
C713
C714
C711
C712
C709
C710
R721
R722
R723
R724
R725
R726
SFR703
SFR704
C715
C716
R727
R728
TR707
TR708
TR709
TR710
D704
R731
R732
R733
R734
R735
R736
R737
R738
L701
L702
C720
R729
R730
R741
C717
C718
R739
R740
I4
C719
D706
D708
D709
C722
R742
R743
R744
R745
C721
C723
C724
D707
D705
TR715
TR716
R746
R747
CB701
CB702
S13-2
S13-1
RY
I5
I6
R748
R749
TR717
D703
TR714
TR712
TR711
TR713
B
C
E
ORG
RED
YEL
GRN
15.0V
30.0V
12.0V
11.5V
0.55V
-29.5V
29.5V
1.2V
0.6V
7.4V
6.9V
6.3V
L
R

P.C.B-F (MAIN AMP CIRCUIT BOARD)

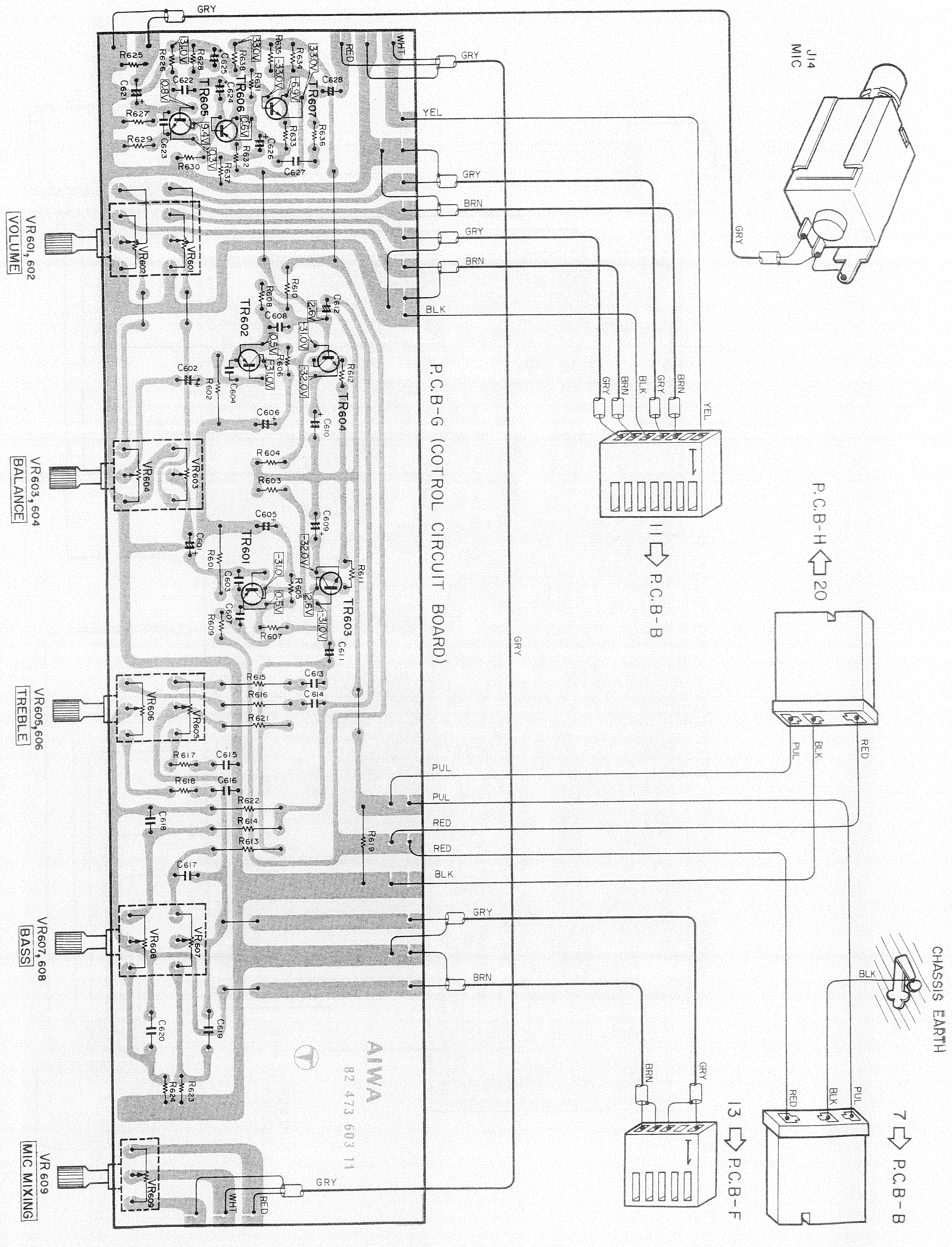
POWER CIRCUIT BOARD


P.C.B-H (POWER CIRCUIT BOARD)
TR801
TR802
33.0V
41.0V
33.0V
-33.0V
-41.0V
-33.0V
20
C802
C805
R802
R805
C803
C806
R804
R807
R803
R806
D801
D802
C804
C807
41.0V
-41.0V
C801
R801
20.0V
D803
D805
D806
D804
17
C813
18
19
C810
D809
-30.0V
C811
C808
30.0V
D807
C809
7.0V
D810
C812
82 473 602 11

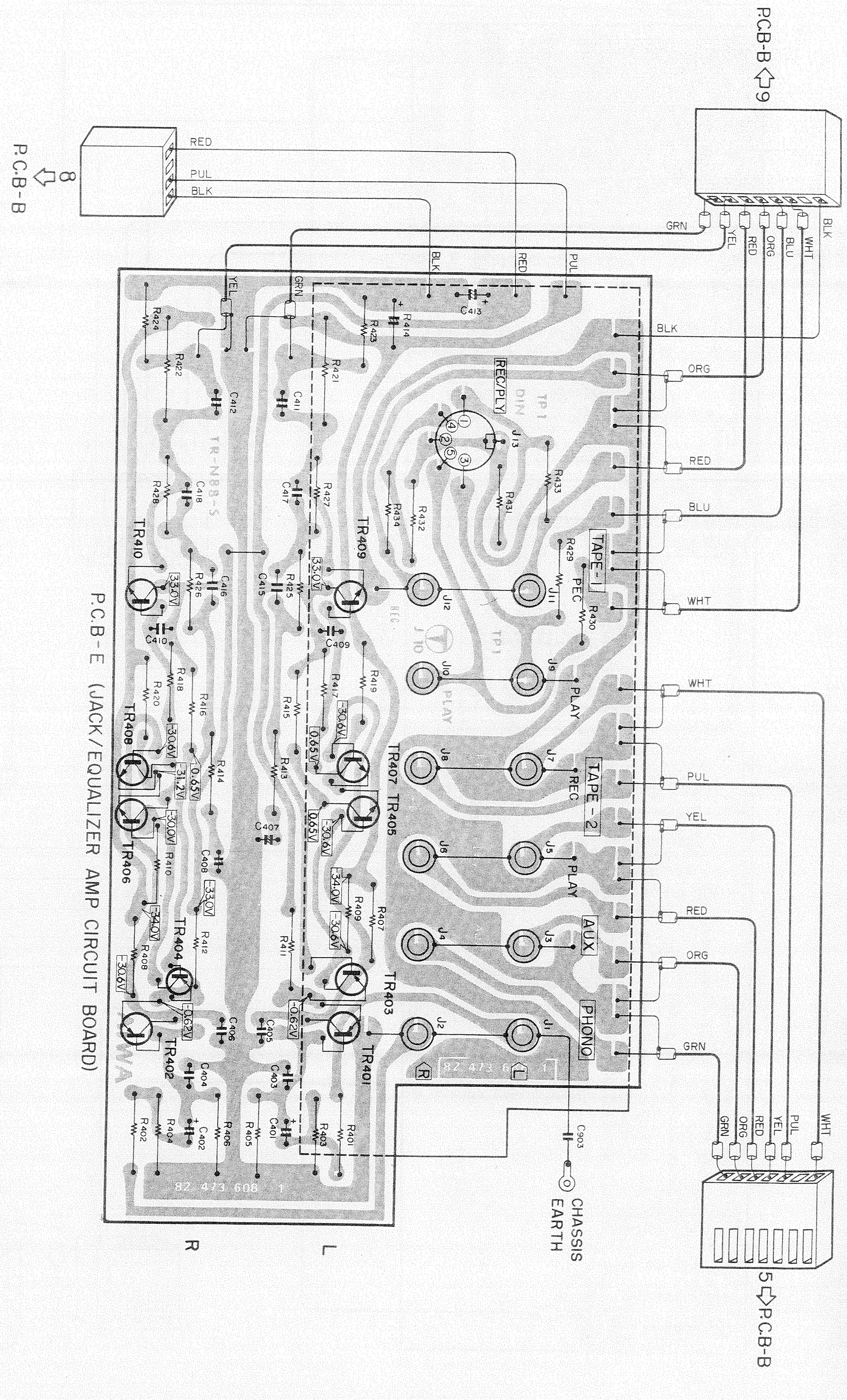
MUTING & LED-3 CIRCUIT BOARD


3
P.C.B-B
BRN
GRY
BLU
BLK
D901
TUNING INDICATOR
FM STEREO
D902
P.C.B-K
(LED-3 CIRCUIT BOARD)
ORG
RED
BLK
BLK
ORG
RED
GRY
BRN
BLK
BLU
P.C.B-D (MUTING CIRCUIT BOARD)
82-473-697-11
TP-N88-S
TR308
TR306
TR309
D308
D307
R315
R318
R316
R317
R313
R312
R311
C302
TR307
TR305
R314
R310
R308
R309
TR303
TR304
D306
D304
D305
D303
R307
R306
R305
R302
R303
R304
TR302
D302
D301
TR301
R301
C301
22
21

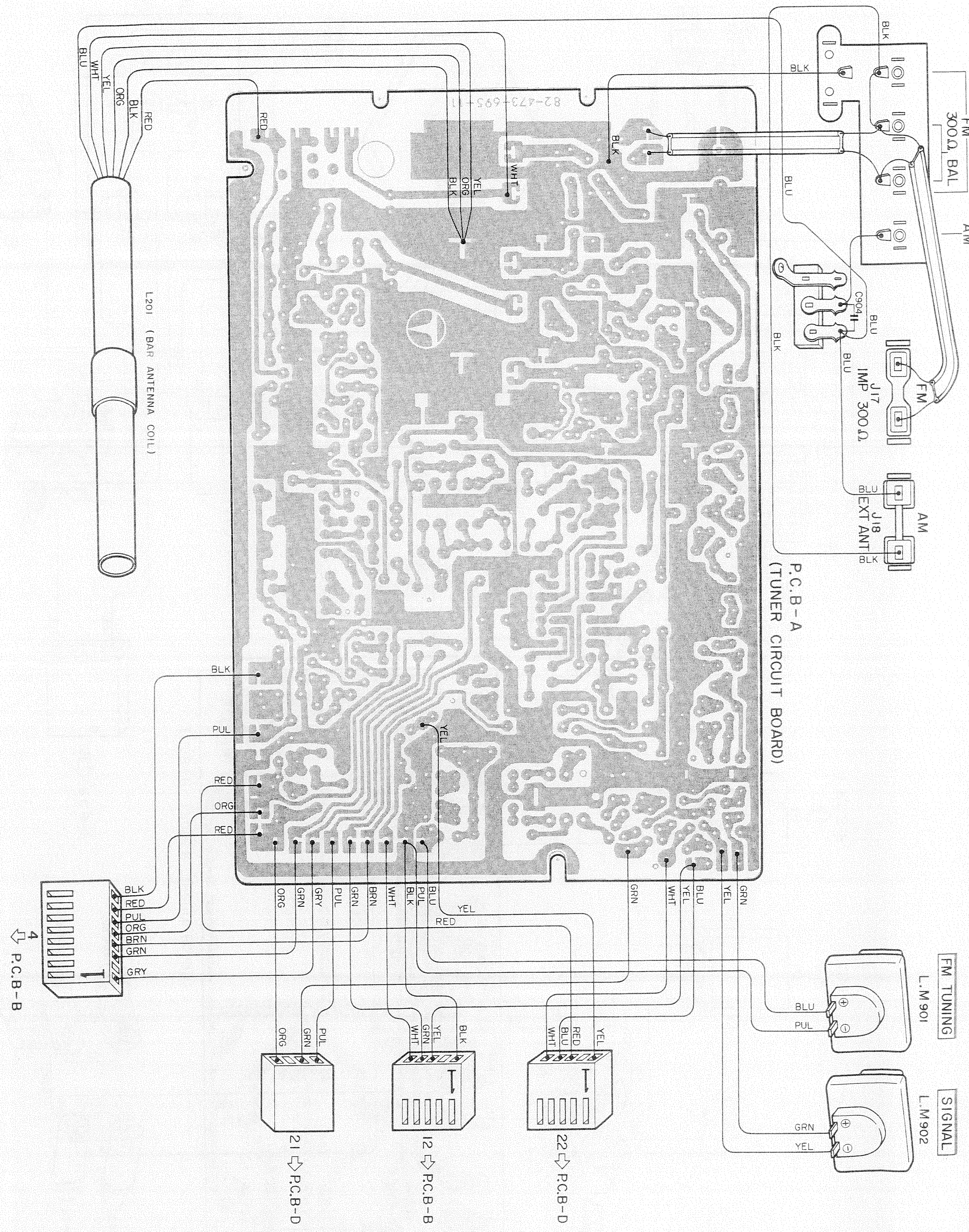
CONTROL CIRCUIT BOARD


GRY
WHT
RED
YEL
BRN
BLK
PUL
J14 MIC
P.C.B-G (COTROL CIRCUIT BOARD)
P.C.B-H 20
11 P.C.B-B
13 P.C.B-F
7 P.C.B-B
CHASSIS EARTH
VR601, 602 VOLUME
VR603, 604 BALANCE
VR605, 606 TREBLE
VR607, 608 BASS
VR 609 MIC MIXING
TR601
TR602
TR603
TR604
TR605
TR606
TR607
33.0V
-33.0V
-6.9V
31.0V
0.8V
0.6V
9.4V
0.3V
2.6V
-31.0
0.5V
-32.0V
AIWA
82 473 603 11

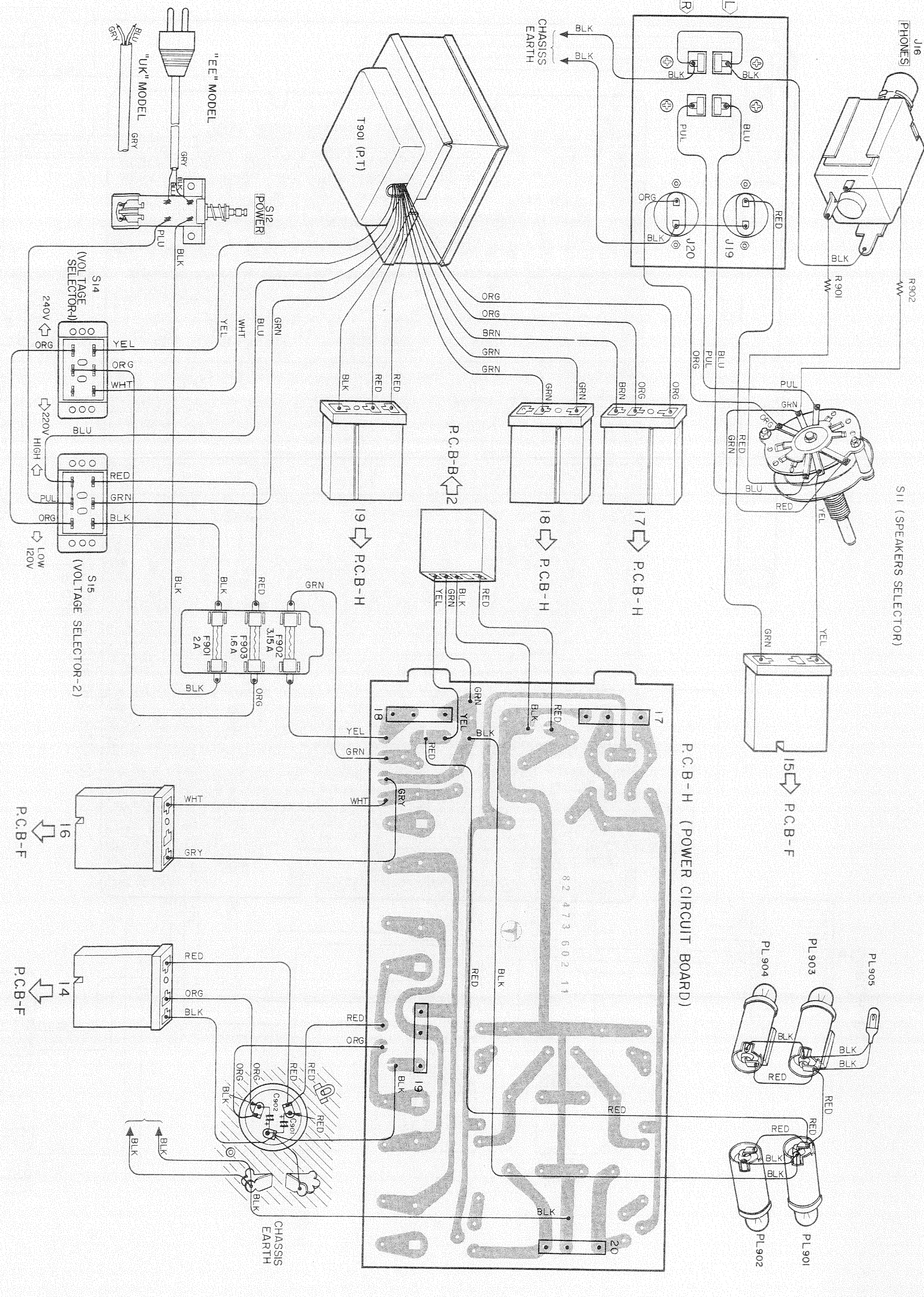
JACK/EQUALIZER AMP CIRCUIT BOARD

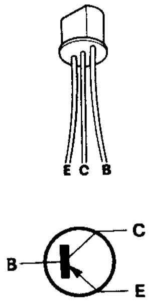

P.C.B-E (JACK/EQUALIZER AMP CIRCUIT BOARD)
P.C.B-B ⇦ 9
8 ⇦ P.C.B-B
5 ⇦ P.C.B-B
RED
PUL
BLK
GRN
YEL
ORG
BLU
WHT
REC/PLY
DIN
J13
TP1
TAPE-1
REC
PLAY
TAPE-2
AUX
PHONO
J1
J2
J3
J4
J5
J6
J7
J8
J9
J10
J11
J12
TR401
TR402
TR403
TR404
TR405
TR406
TR407
TR408
TR409
TR410
33.0V
-30.6V
0.65V
-31.2V
-30.0V
-34.0V
-33.0V
-0.62V
C903
CHASSIS EARTH
82 473 608 1
R
L

WIRING (TUNER CIRCUIT BOARD)

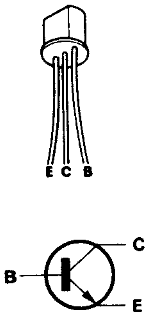

BLU
WHT
YEL
ORG
BLK
RED
82-473-695-11
L201 (BAR ANTENNA COIL)
FM 300Ω BAL
AM
C904
J17 IMP 300Ω
FM
J18 EXT ANT
AM
P.C.B-A (TUNER CIRCUIT BOARD)
PUL
GRN
GRY
BRN
4 ⇦ P.C.B-B
21 ⇦ P.C.B-D
12 ⇦ P.C.B-B
22 ⇦ P.C.B-D
FM TUNING
L.M901
SIGNAL
L.M902
⊕
⊖

WIRING (POWER CIRCUIT BOARD)

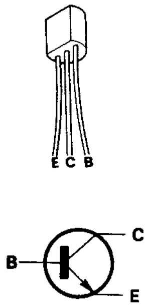

"EE" MODEL
"UK" MODEL
GRY
BLU
BLK
PLU
S12 POWER
T901 (P.T)
S14 (VOLTAGE SELECTOR-I)
240V
220V
HIGH
LOW 120V
S15 (VOLTAGE SELECTOR-2)
YEL
ORG
WHT
RED
GRN
PUL
BRN
F901 2A
F903 1.6A
F902 3.15A
19 P.C.B-H
18 P.C.B-H
17 P.C.B-H
P.C.B-B 2
16 P.C.B-F
14 P.C.B-F
15 P.C.B-F
P.C.B-H (POWER CIRCUIT BOARD)
82 473 602 11
C901
C902
CHASSIS EARTH
CHASISS EARTH
J16 PHONES
R
L
J19
J20
R901
R902
S11 (SPEAKERS SELECTOR)
PL901
PL902
PL903
PL904
PL905
20



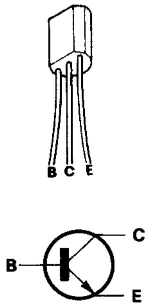
2SA495



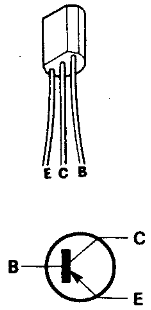
2SC380
2SC784
2SC394
2SC381
2SC732



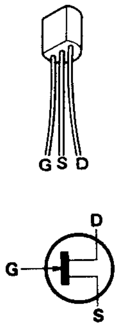
2SC1317



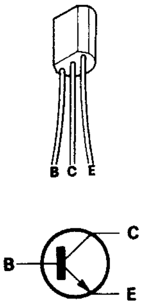
2SC1400



2SA750
2SA733
2SA719



2SK49



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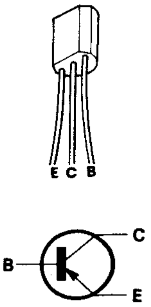

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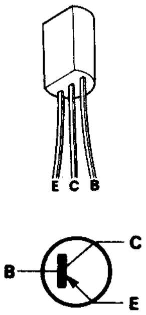

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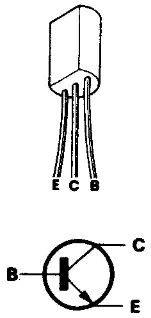

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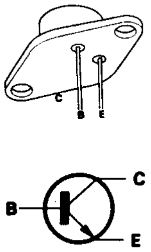

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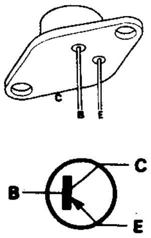

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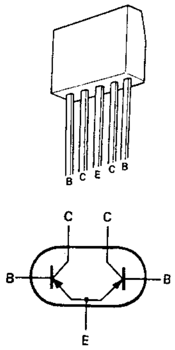
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C C
B
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E

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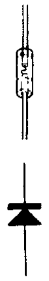

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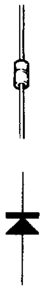

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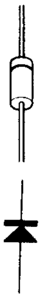

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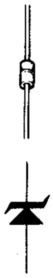

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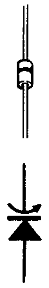

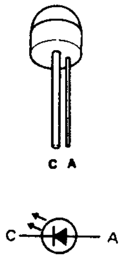

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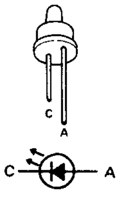

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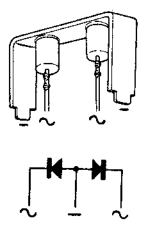
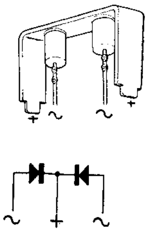
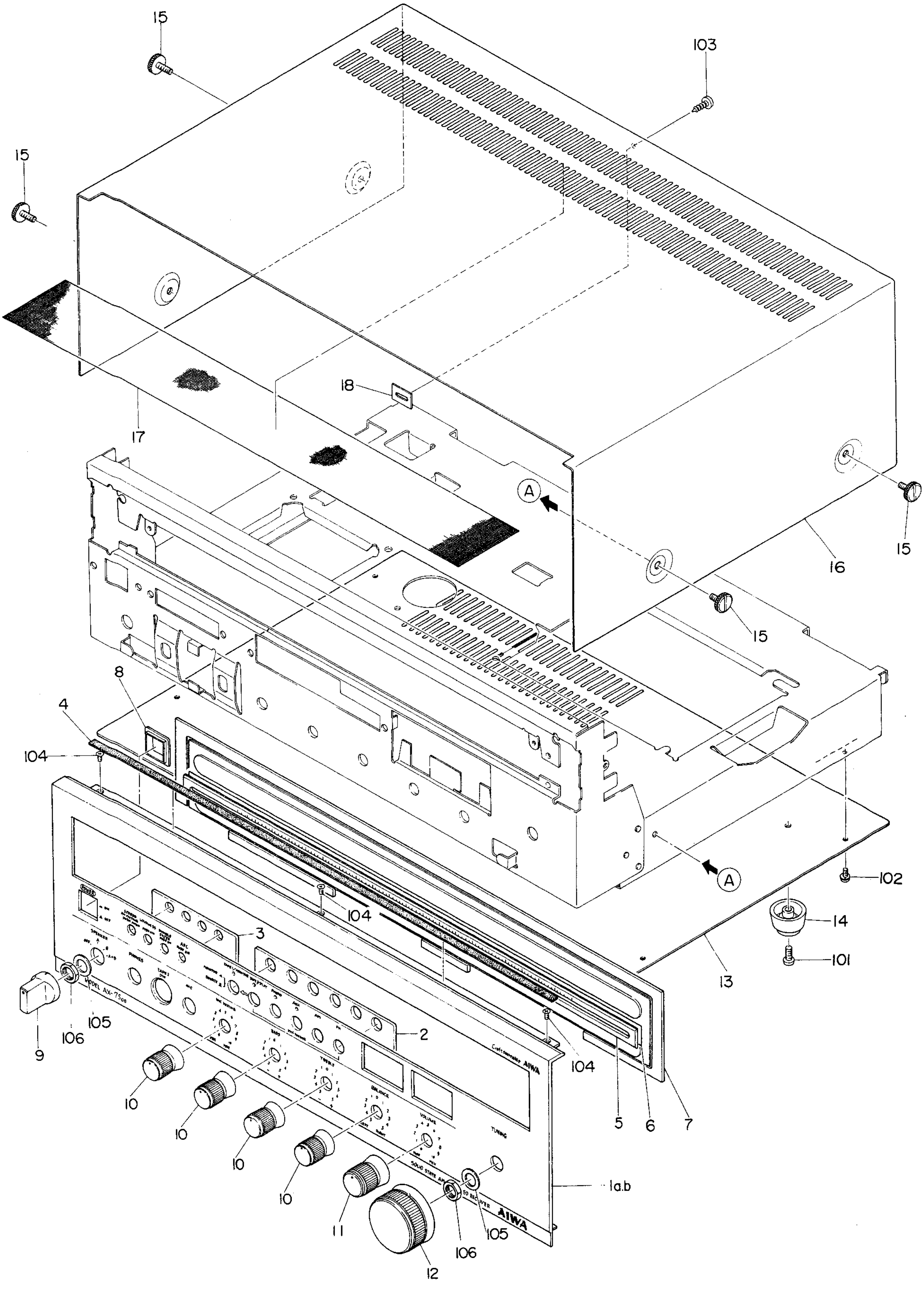


SS-3R



SS-3

EXPLODED VIEW-1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103
15
18
17
A
15
16
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8
4
104
104
3
A
102
14
101
13
2
104
105
106
9
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12
106
105
1a.b
5
6
7
BALANCE
VOLUME
TUNING
AIWA

PARTS LIST

MECHANICAL PARTS

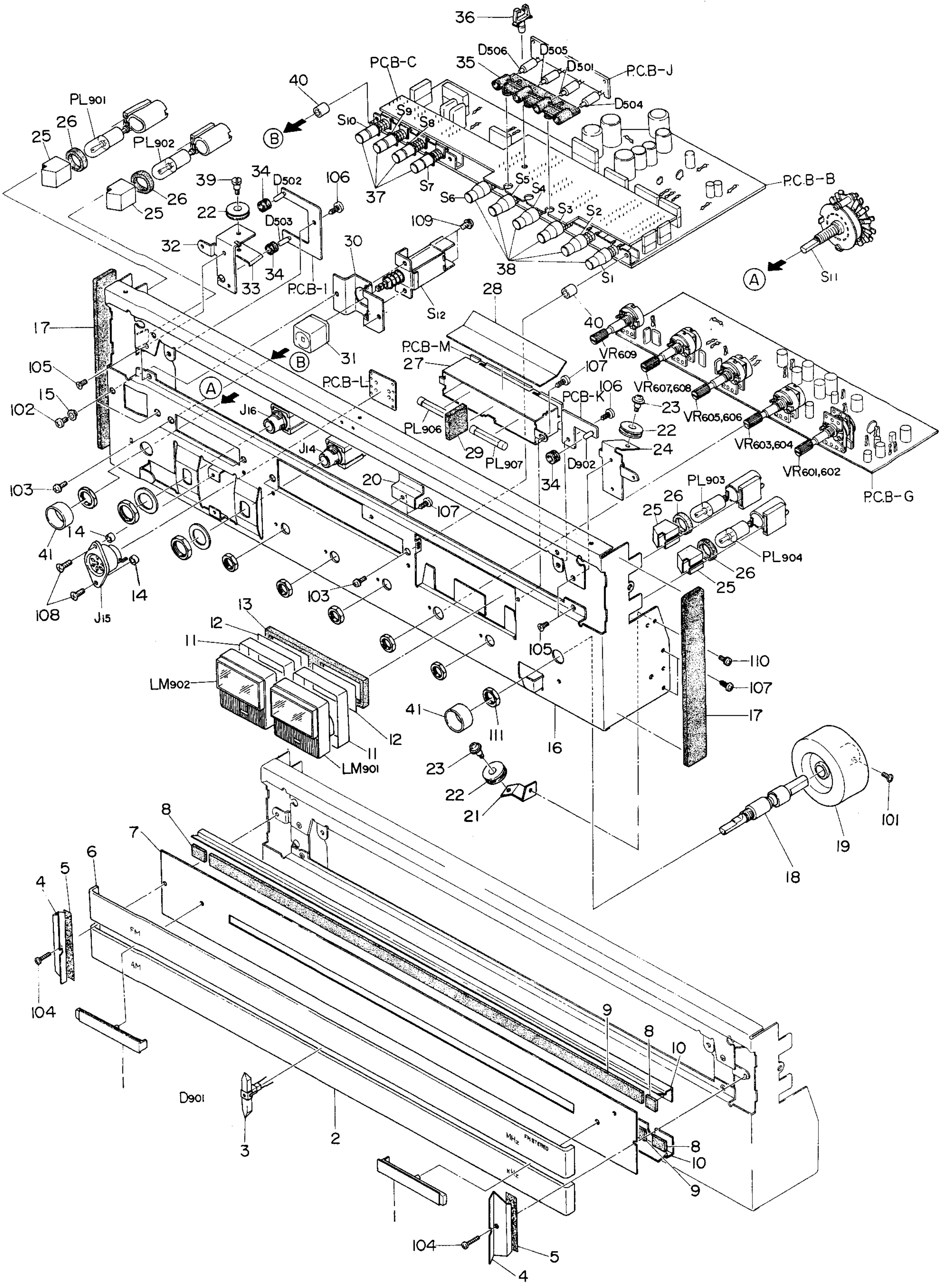
- * mark in this part list shows exclusive part (which is used) for only Model AX-7500

Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
1~8	80-004-734-41		**Panel Assembly-"EE" model**		
1~8	80-004-734-01		**Panel Assembly-"UK" model**		
1-1 (a)	82-473-062-01		Front panel-"EE" model only	*	1
1-1 (b)	82-473-057-01		Front panel-"UK" model only	*	1
1-2	82-473-238-01		Guide B, Button	*	1
1-3	82-473-237-01		Guide A, Button	*	1
1-4	82-380-366-01		Spacer B, Top panel		1
1-5	82-473-005-01		Scale board, Tuning dial	*	1
1-6	82-473-009-01		Half mirror	*	1
1-7	82-473-006-01		Window, Tuning dial	*	1
1-8	82-380-026-01		Guide, Power button		1
1-9	82-473-061-01		Speaker knob ass'y	*	1
1-10	82-473-045-01		Knob, Tone	*	4
1-11	82-473-021-01		Knob, Volume	*	1
1-12	82-473-060-01		Tuning knob ass'y	*	1
1-13	82-473-004-01		Bottom plate	*	1
1-14	87-085-141-01		Leg		4
1-15	82-473-047-01		Screw, Top panel	*	4
1-16	82-380-002-01		Top panel		1
1-17	82-473-239-01		Net	*	1
1-18	82-380-439-01		Spacer, Rear panel		1

Ref. No.	Part No.	Description	Q'ty
1-101	87-263-171-01	V + 4-10	4
1-102	87-257-092-01	U + 3-4 (Black)	5
1-103	87-081-402-01	UT_2 + 3-8 (Black)	1
1-104	87-233-094-01	Q + 3-6	3

Ref. No.	Part No.	Description	Q'ty
1-105	87-410-340-01	W9-16-0.5	2
1-106	87-081-253-01	N-9	2

EXPLODED VIEW-2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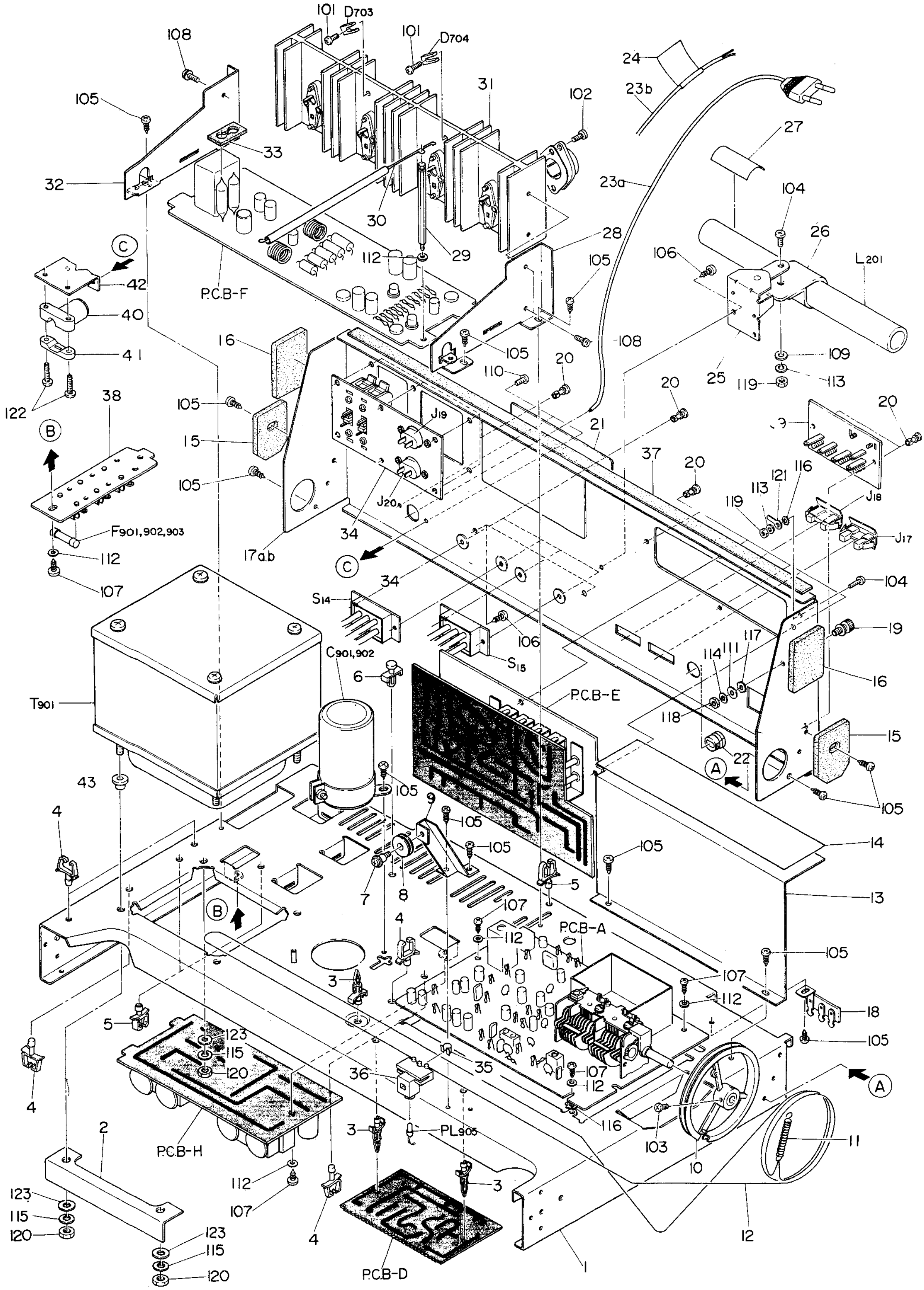
D506
D505
D501
P.C.B-J
P.C.B-C
35
40
D504
S10
S9
S8
B
PL901
26
25
PL902
39
34
D502
106
37
S7
S6
S5
S4
S3
S2
P.C.B-B
22
26
25
D503
109
32
30
38
S1
A
S11
33
34
P.C.B-I
28
17
S12
40
VR609
105
31
P.C.B-M
27
107
15
B
P.C.B-L
102
A
J16
PCB-K
106
23
VR607,608
VR605,606
22
PL906
24
J14
29
PL907
D902
VR603,604
VR601,602
103
34
PL903
P.C.B-G
20
26
107
25
14
41
PL904
26
25
108
J15
14
103
13
12
11
105
110
107
LM902
41
17
111
12
16
11
LM901
23
22
21
101
19
8
7
18
6
5
4
FM
AM
104
9
8
10
1
D901
3
2
MHz
FM STEREO
KHz
8
10
9
1
104
5
4

Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
2-1	82-473-043-01		Spacer, dial plate	*	2
2-2	82-473-035-01		Dial plate, Lower	*	1
2-3	82-473-015-01		Pointer ass'y	*	1
2-4	82-473-037-01		Holder B, Dial plate	*	2
2-5	82-473-224-01		Himeron, Reflector-blocking	*	2
2-6	82-473-034-01		Dial plate, Upper	*	1
2-7	82-473-007-01		Decorative plate, Tuning dial	*	1
2-8	82-473-226-01		Sub-cushion, Dial plate	*	4
2-9	82-473-223-01		Cushion, Dial plate	*	2
2-10	82-473-008-01		Holder A, Dial plate	*	2
2-11	82-473-243-01		Masking tape, Meter	*	2
2-12	82-473-246-01		Filter, Meter	*	2
2-13	82-473-233-01		Cushion, Meter	*	1
2-14	82-473-251-01		Collar, DIN jack	*	2
2-15	82-380-292-01		Collar, AC holder		2
2-16	82-473-202-01		Chassis, Front	*	1
2-17	82-473-248-01		Spacer C, Side panel	*	2
2-18	82-473-207-01		Tuning shaft ass'y	*	1
2-19	82-473-259-01		Flywheel, Tuning	*	1
2-20	82-473-244-01		Holder; Rear, Dial plate	*	1
2-21	82-473-216-01		Roller holder C	*	1
2-22	82-473-220-01		Roller	*	3
2-23	87-081-483-01		Motor screw		2
2-24	82-473-215-01		Roller holder B	*	1
2-25	82-473-231-01		Reflector board	*	4
2-26	82-473-232-01		Cushion, Lamp	*	4
2-27	82-470-212-01		Reflector board, Meter		1
2-28	82-473-225-01		Himeron cloth; Reflector board, Meter	*	1
2-29	82-473-234-01		Partition plate, Meter	*	1
2-30	82-473-258-01		Holder, AC swtich	*	1
2-31	82-380-013-01		AC button ass'y		1
2-32	82-473-214-01		Roller holder A	*	1
2-33	82-473-255-01		Adjusting plate, Roller	*	1
2-34	82-463-216-01		Rubber bushing	TPR-900	3
2-35	82-473-240-01		Lamp bushing	*	1
2-36	87-064-038-01		Wire clip A		1
2-37	82-473-029-01		Push-button B	*	4
2-38	82-473-027-01		Push-button A	*	6
2-39	82-475-254-01		Adjusting screw, Roller		1
2-40	82-473-261-01		Push collar	*	4
2-41	82-473-262-01		Stopper collar	*	2

Ref. No.	Part No.	Description	Q'ty
2-101	87-263-094-01	V + 3-6	1
2-102	87-263-093-01	V + 3-5	2
2-103	87-253-095-01	U + 3-8	4
2-104	87-253-075-01	U + 2.6-10	2
2-105	87-233-072-01	Q + 2.6-5	4
2-106	87-353-093-01	VT_2 + 3-5	2
2-107	87-343-094-01	UT_2 + 3-6	8

Ref. No.	Part No.	Description	Q'ty
2-108	87-231-036-01	Q + 2-8	2
2-109	87-480-093-01	VS + 3-5	2
2-110	87-480-072-01	VS + 2.6-5	1
2-111	87-081-253-01	N-9	1

EXPLODED VIEW-3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L201
106
105
C
42
P.C.B-F
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108
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41
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113
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J19
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B
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37
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121
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113
105
119
J18
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J20
F901,902,903
J17
17a.b
C
112
34
104
107
S14
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C901,902
S15
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114
111
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P.C.B-E
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T901
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B
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P.C.B-A
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A
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PL905
103
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2
P.C.B-H
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112
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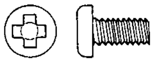
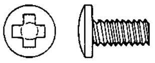
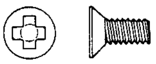
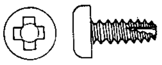
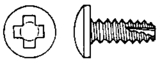
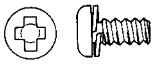
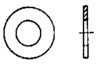
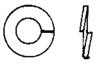
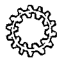
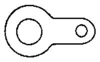
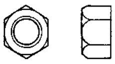
123
107
115
4
12
120
123
115
120
P.C.B-D
1

Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
3-1	82-473-205-01		Chassis	*	1
3-2	82-473-256-01		Reinforcement plate, Chassis	*	1
3-3	87-064-061-01		Holder B, Circuit board		3
3-4	87-064-038-01		Wire clip A		4
3-5	87-064-051-01		Wire clip F		3
3-6	87-064-060-01		Holder A, Circuit board		1
3-7	87-081-483-01		Motor screw		1
3-8	82-473-220-01		Roller	*	1
3-9	82-473-217-01		Holder D, Roller	*	1
3-10	82-473-211-01		Dram, Tuning dial	*	1
3-11	82-473-252-01		Spring, Tuning dial	*	1
3-12	87-096-082-01		String, Tuning dial		1750 mm
3-13	82-473-206-01		Shield, Phono	*	1
3-14	82-473-242-01		Label; Shield	*	1
3-15	82-473-245-01		Spacer A, Side panel	*	2
3-16	82-473-247-01		Spacer B, Side panel	*	2
3-17	82-473-055-01		Rear panel	*	1
3-18	87-033-011-01		Lug plate, 1L 2P		1
3-19	87-033-088-01		Earth terminal		1
3-20	87-085-102-01		Nylon rivet		16
3-21	82-473-058-01		Name plate, Spec.	*	1
3-22	87-085-101-01		Cord bushing		1
3-23 (a)	87-034-835-01		AC power cord-"EE" model only		1
3-23 (b)	87-034-847-01		AC power cord-"UK" model only		1
3-24	87-056-008-01		Label, AC power cord – "UK" model only		1
3-25	82-473-010-01		Antenna holder ass'y	*	1
3-26	82-473-013-01		Antenna holder C	*	1
3-27	82-473-051-01		Caution label, Antenna	*	1
3-28	82-473-213-01		Holder B, Heatsink plate	*	1
3-29	82-473-241-01		Brasspost, Cord	*	1
3-30	82-473-250-01		Spring, Cord support	*	1
3-31	82-473-609-01		Heatsink	*	1
3-32	82-473-212-01		Holder A, Heatsink plate	*	1
3-33	82-473-253-01		Holder, Circuit breaker	*	1
3-34	82-473-703-01		Speaker terminal	*	1
3-35	82-473-019-01		Lock plate, Pointer	*	1
3-36	82-473-018-01		Holder, Pointer	*	1
3-37	82-380-366-01		Spacer B, Top panel		1
3-38	82-473-640-01		Holder, Fuse	*	1
3-39	82-473-626-01		Screw terminal	*	1
3-40	87-085-094-01		Holder A, AC power cord		1
3-41	87-085-095-01		Holder B, AC power cord		1
3-42	82-473-257-01		Holder, AC power cord	*	1
3-43	82-473-267-01		Collar, Power transfomer	*	4

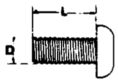
Ref. No.	Part No.	Description	Q'ty
3-101	87-263-096-01	V + 3-10	2
3-102	87-263-099-01	V + 3-15	8
3-103	87-263-093-01	V + 3-5	2
3-104	87-257-097-01	V + 3-12 (Black)	2
3-105	87-343-094-01	UT_2 + 3-6	14
3-106	87-081-402-01	UT_2 3-8 (Black)	5
3-107	87-343-095-01	UT_2 + 3-8	5
3-108	87-480-093-01	VS + 3-5	4
3-109	87-410-316-01	W3-8-0.8	1
3-110	87-257-092-01	U + 3-4 (Black)	2
3-111	87-410-325-01	W4-10-1.0	1

Ref. No.	Part No.	Description	Q'ty
3-112	87-081-017-01	FW3-8-1.0	6
3-113	87-421-306-01	SW-3	2
3-114	87-421-308-01	SW-4	1
3-115	87-421-310-01	SW-6	4
3-116	87-433-904-01	WT1E-3	2
3-117	87-433-906-01	WT1E-4-10	1
3-118	87-391-024-01	N-4	1
3-119	87-391-017-01	N-3	2
3-120	87-391-029-01	N-5	4
3-121	87-450-414-01	LB-4	1
3-122	87-263-099-01	V + 3-15	2
3-123	87-081-021-01	FW6-13-1.0	4

HARDWARE NOMENCLATURE

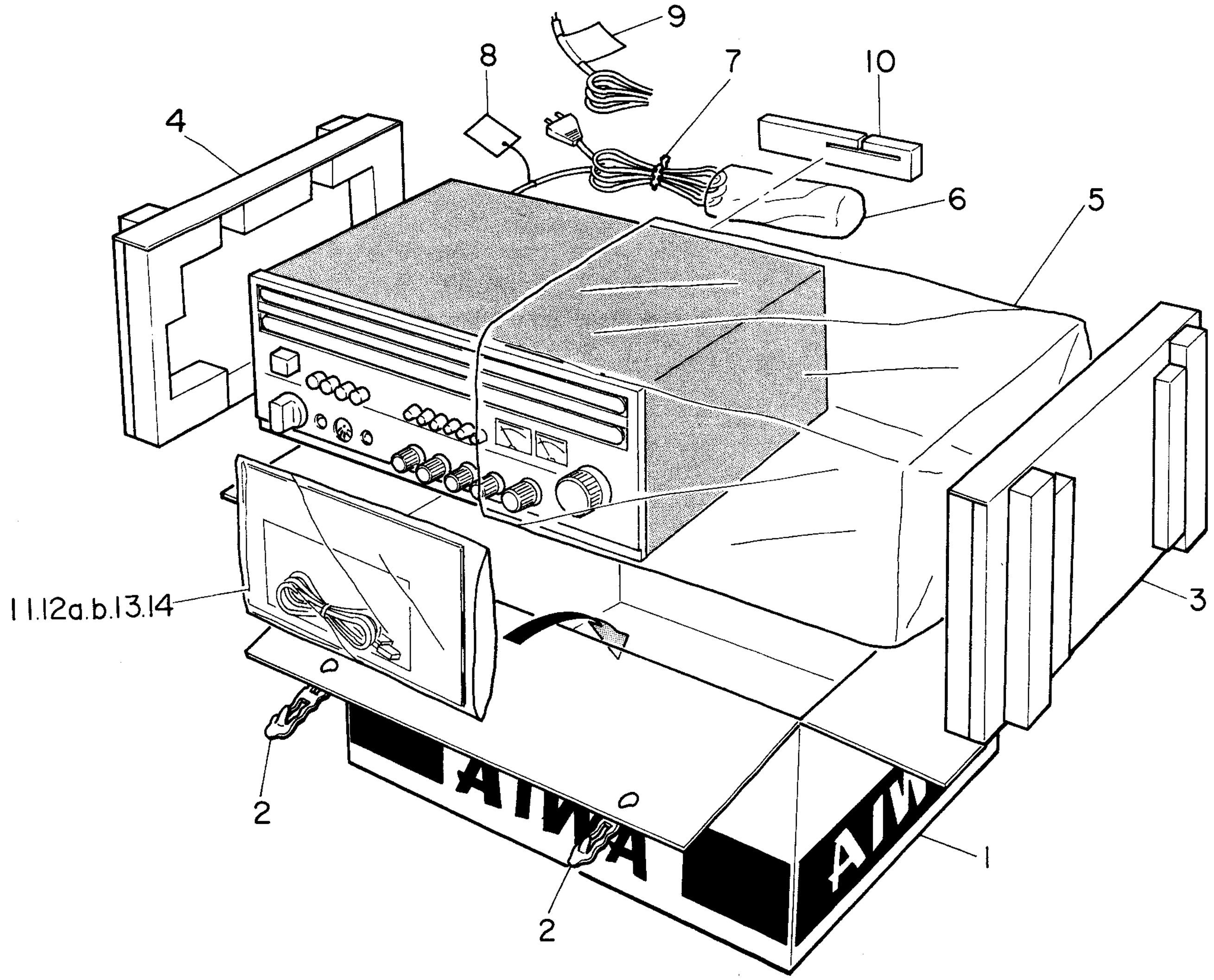
V:	Pan head screw	
U:	Binding head screw	
Q:	Flat countersunk head screw	
VT_2:	Pan head tapping screw	
UT_2:	Binding head tapping screw	
VS:	Pan head screw with spring washer	
W:	Washer	
FW:	Fibre washer	
SW:	Spring washer	
WTIE:	Crown washer	
LB:	Lug terminal plate	
N:	Nut	

Example:



V + 3 – 6
- 6 — Length in mm
- 3 — Diameter in mm
- + — Type of Slot
- V — Type of Head

ACCESSORIES/PACKAGE



ACCESSORIES/PACKAGE

Ref. No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty	
1	82-473-857-01		Printed indiv. packing	*	1	
2	87-056-500-01		Curl stopper		2	
3	82-473-859-01		Cushion R, Printed indiv.	*	1	
4	82-473-858-01		Cushion L, Printed indiv.	*	1	
5	87-051-173-01		Poly-vinyl sack (for case)		1	
6	87-051-131-01		Poly-vinyl sack (for AC power cord)		1	
7	87-058-009-01		Free-up belt		1	
8	87-056-016-01		Tag, Voltage selector		1	
9	87-056-008-01		Label, AC power cord (UK model only)		1	
10	82-473-861-01		Cushion, Bar antenna	*	1	
11	87-051-171-01		Poly-vinyl sack		1	
12 (a)	82-473-908-01		Instructions booklet (EE model only)	*	1	
12 (b)	87-473-909-01		Instructions booklet (UK model only)	*	1	
13	87-056-009-01		Distributors list		1	
14	87-043-025-01		FM antenna		1	

ELECTRICAL PARTS

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
≪TUNER CIRCUIT BOARD SECTION≫					
PCB-A	82-473-695-11		Tuner circuit baord	*	1
TR101	89-307-842-01		Transistor, 2SC-784 (R)		1
TR102	89-303-944-01		Transistor, 2SC-394 (Y)		1
TR103,104, 105,106	89-303-813-01		Transistor, 2SC-381 (O)		4
TR107,204	87-026-045-01		Transistor, 2SC-380A (O)		2
TR108,109, 110	89-309-456-01		Transistor, 2SC-945L (P)		3
TR111	89-313-172-01		Transistor, 2SC-1317 (R)		1
TR201,202	89-303-804-01		Transistor, 2SC-380 (Y)		2
TR203	89-303-803-01		Transistor, 2SC-380 (O)		1
FET101	87-026-100-01		FET, 2SK-49 (Hz)		1
IC101	87-027-148-01		IC, KB-4400		1
D101	87-026-049-01		Diode, 1S-2139 (B)		1
D102,103,106, 107,108,109	88-052-188-11		Diode, 1S-188 (FM)		6
D104,105,110 111,201,202	87-027-097-01		Diode, 1S-1555		6
D112	87-027-142-01		Zener diode, WZ-100		1
L101	82-470-621-01		FM coil		1
L102	82-470-622-01		FM coil, 2½t		1
L103	82-470-604-01		FM choke coil, 2.2μH		1
L104	82-473-689-01		FM coil, 1½t	*	1
L105,107	87-005-094-01		Micro inductor, 10mH		2
L106,108	82-473-628-01		Micro inductor, 8.2mH	*	2
L202	82-457-699-01		MW OSC coil		1
IFT101,102	84-173-614-01		FM IFT		2
IFT103	87-008-159-01		FM IFT (ratio)		1
IFT201	87-008-160-01		AM IFT		1
CF101,102	82-473-620-01		FM ceramic filter	*	2
CFT201	87-008-118-01		AM ceramic filter trans (EE model only)		1
CFT201	87-008-152-01		AM ceramic filter trans (UK model only)		1
VC1~5 TC1~5	82-473-606-01		VC	*	1
SFR101	87-021-239-01		Semi-fixed resistor, 50kΩ – B		1
SFR102	87-021-366-01		Semi-fixed resistor, 10kΩ – B		1
	87-033-092-01		PCB tab, A		1
	82-467-211-01		Shield case		1
	82-471-646-01		Shield plate		1
			< **Resistors** >		
R135,158	88-131-330-01		33Ω 1/4W ±5%		2
R104,121,128, 129,146,210, 219,231	88-131-101-01		100Ω 1/4W ±5%		8
R132,218	88-131-471-01		470Ω 1/4W ±5%		2
R214	88-131-681-01		680Ω 1/4W ±5%		1
R106,123,131, 142,144,154	88-131-102-01		1kΩ 1/4W ±5%		6
R204	88-131-182-01		1.8kΩ 1/4W ±5%		1
R125,134	88-131-222-01		2.2kΩ 1/4W ±5%		2
R130	88-131-272-01		2.7kΩ 1/4W ±5%		1
R222,229	88-131-332-01		3.3kΩ 1/4W ±5%		2
R227	88-131-392-01		3.9kΩ 1/4W ±5%		1
R202	88-131-472-01		4.7kΩ 1/4W ±5%		1
R217	88-131-682-01		6.8kΩ 1/4W ±5%		1
R138,205	88-131-103-01		10kΩ 1/4W ±5%		2
R114,153	88-131-123-01		12kΩ 1/4W ±5%		2
R152	88-131-153-01		15kΩ 1/4W ±5%		1
R102	88-131-183-01		18kΩ 1/4W ±5%		1
R208	88-131-273-01		27kΩ 1/4W ±5%		1
R118,119,155 215,220	88-131-333-01		33kΩ 1/4W ±5%		5

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
R207	88-131-393-01		39kΩ 1/4W ±5%		1
R201	88-131-823-01		82kΩ 1/4W ±5%		1
R107	88-131-104-01		100kΩ 1/4W ±5%		1
R212	88-131-124-01		120kΩ 1/4W ±5%		1
R103	88-131-474-01		470kΩ 1/4W ±5%		1
R101	88-181-100-01		10Ω 1/4W ±5% ELR		1
R139	88-181-220-01		22Ω 1/4W ±5% ELR		1
R110,111, 206, 211,230	88-181-101-01		100Ω 1/4W ±5% ELR		5
R120,127,133	88-181-151-01		150Ω 1/4W ±5% ELR		3
R126,137,168	88-181-221-01		220Ω 1/4W ±5% ELR		3
R141,209	88-181-331-01		330Ω 1/4W ±5% ELR		2
R124	88-181-391-01		390Ω 1/4W ±5% ELR		1
R162,165	88-181-681-01		680Ω 1/4W ±5% ELR		2
R108,115,140	88-181-102-01		1kΩ 1/4W ±5% ELR		3
R112,136,149	88-181-222-01		2.2kΩ 1/4W ±5% ELR		3
R156,157	88-181-332-01		3.3kΩ 1/4W ±5% ELR		2
R122	88-181-392-01		3.9kΩ 1/4W ±5% ELR		1
R167	88-181-472-01		4.7kΩ 1/4W ±5% ELR		1
R117,161,170	88-181-562-01		5.6kΩ 1/4W ±5% ELR		3
R151,216	88-181-822-01		8.2kΩ 1/4W ±5% ELR		2
R143,145,213	88-181-103-01		10kΩ 1/4W ±5% ELR		3
R223	88-181-123-01		12kΩ 1/4W ±5% ELR		1
R228	88-181-153-01		15kΩ 1/4W ±5% ELR		1
R109,226	88-181-183-01		18kΩ 1/4W ±5% ELR		2
R116,221	88-181-223-01		22kΩ 1/4W ±5% ELR		2
R148	88-181-273-01		27kΩ 1/4W ±5% ELR		1
R113,147,225,	88-181-333-01		33kΩ 1/4W ±5% ELR		3
R105	88-181-473-01		47kΩ 1/4W ±5% ELR		1
R150	88-181-563-01		56kΩ 1/4W ±5% ELR		1
R203,224	88-181-104-01		100kΩ 1/4W ±5% ELR		2
R159,164	88-181-124-01		120kΩ 1/4W ±5% ELR		2
R160,163	88-181-154-01		150kΩ 1/4W ±5% ELR		2
R166	88-152-101-01		100Ω 1W ±10%		1
			< Capacitors >		
C139,152,159	88-337-590-01		0.47μF 50V Electrolytic		3
C103,120,144, 148,173,205, 214,216,225	88-337-100-01		1μF 50V Electrolytic		9
C126	88-336-110-01		10μF 25V Electrolytic		1
C168	88-336-310-01		33μF 25V Electrolytic		1
C133,208	88-335-110-01		10μF 16V Electrolytic		2
C145,167	88-335-510-01		47μF 16V Electrolytic		2
C153,160	88-333-310-01		33μF 10V Electrolytic		2
C210	88-617-530-01		360pF Styrol		1
C142	88-617-550-01		470pF Styrol		1
C146	87-015-106-01		0.47μF Aluminum solid		1
C155,162	88-707-660-01		0.0022μF Mylar		2
C157,164	88-707-750-01		0.0082μF Mylar		2
C209,223	88-717-810-01		0.01μF Mylar		2
C150,151	88-707-820-01		0.015μF Mylar		2
C154,158,161, 165	88-707-880-01		0.018μF Mylar		4
C215,219	88-717-830-01		0.022μF Mylar		2
C156,163	88-707-890-01		0.027μF Mylar		2
C149	88-717-840-01		0.033μF Mylar		1
C143,212	88-717-850-01		0.047μF Mylar		2
C221	88-717-980-01		0.056μF Mylar		1
C147	88-717-930-01		0.22μF Mylar		1
C108	88-212-100-01		10pF Ceramic		1
C122	88-212-130-01		13pF Ceramic		1

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
C114	88-212-150-01		15pF Ceramic		1
C125	88-212-220-01		24pF Ceramic		1
C107	88-212-410-01		100pF Ceramic		1
C134,135	88-212-420-01		120pF Ceramic		2
C102	88-212-480-01		220pF Ceramic		1
C106	88-212-500-01		270pF Ceramic		1
C121,136	88-212-510-01		300pF Ceramic		2
C141	88-212-550-01		470pF Ceramic		1
C116	88-213-010-01		1pF Ceramic		1
C109	88-213-020-01		2pF Ceramic		1
C171	88-213-040-01		4pF Ceramic		1
C101,105	88-213-060-01		6pF Ceramic		2
C211	88-213-090-01		9pF Ceramic		1
C130	88-214-610-01		0.001μF Ceramic		1
C111,115,117 118,203,206 218,220,222	88-214-720-01		0.0047μF Ceramic		9
C202,204,207	88-214-810-01		0.01μF Ceramic		3
C137	88-215-610-01		0.001μF Ceramic		1
C104,112,119 123,124,127 128,129,131 138,140,166 169,172,201 213,217,224 226,227,230	88-215-810-01		0.01μF Ceramic		21
C132	88-215-850-01		0.047μF Ceramic		1
C113	88-251-102-01		10pF Ceramic		1
C170	88-251-122-01		12pF Ceramic		1
≪PRF AMP/SELECTOR SWITCH-1 CIRCUIT BOARD SECTION≫					
PCB-B	82-473-604-21		PRE AMP/SELECTOR SWITCH-1 circuit board (UK model only)	*	1
PCB-B	82-473-712-01		PRE AMP/SELECTOR SWITCH-1 Circuit board (EE model only)	*	1
TR501,502	89-107-505-01		Transistor, 2SA-750 (E)		2
TR503,504	89-314-005-01		Transistor, 2SC-1400 (E)		2
S1,2,3,4,5,6	82-473-638-01		Push switch (SELECTOR SWITCH)	*	1
S7,8,9,10	82-473-639-01		Push switch (AFC, FM MUTING, LOUDNESS, STEREO)	*	1
	87-032-437-01		3P mini plug		1
	87-032-653-01		Pin 3P		3
	87-032-654-01		Pin 4P		3
	87-032-655-01		Pin 5P		1
	87-032-656-01		Pin 6P		2
	87-032-657-01		Pin 7P		2
			< **Resistors** >		
R513,514	88-131-331-01		330Ω 1/4W ±5%		2
R533,534,539 540	88-131-102-01		1kΩ 1/4W ±5%		4
R523,524	88-131-112-01		1.1kΩ 1/4W ±5%		2
R507,508	88-131-182-01		1.8kΩ 1/4W ±5%		2
R519,520	88-131-332-01		3.3kΩ 1/4W ±5%		2
R521,522	88-131-562-01		5.6kΩ 1/4W ±5%		2
R543,544	88-131-103-01		10kΩ 1/4W ±5%		2
R501,502	88-131-123-01		12kΩ 1/4W ±5%		2
R509,510,525 526,541,542	88-131-223-01		22kΩ 1/4W ±5%		6
R505,506	88-131-333-01		33kΩ 1/4W ±5%		2
R527,528,529 530,535,536	88-131-473-01		47kΩ 1/4W ±5%		6
R515,516,531 532	88-131-104-01		100kΩ 1/4W ±5%		4

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
R503,504	88-131-224-01		220kΩ 1/4W ±5%		2
R537,538	88-131-394-01		390kΩ 1/4W ±5%		2
R517,518	88-131-394-01		390kΩ 1/4W ±5% (UK model only)		2
R545,546	88-141-332-01		3.3kΩ 1/2W ±5%		2
R547	88-141-392-01		3.9kΩ 1/2W ±5%		1
R548	88-141-472-01		4.7kΩ 1/2W ±5%		1
R511,512	82-473-705-01		6.8kΩ 1W Metal film	*	2
			< Capacitors >		
C515,516	88-337-120-01		100μF 50V Electrolytic		2
C507,508	88-332-310-01		33μF 6.3V Electrolytic		2
C513,514	88-332-320-01		330μF 6.3V Electrolytic		2
C503,504	87-015-244-01		4.7μF 50V Electrolytic		2
C511,512	82-473-681-01		4.7μF 50V Electrolytic	*	2
C521,522	88-707-830-01		0.022μF Mylar		2
C517,518	88-707-950-01		0.39μF Mylar (UK model only)		2
C501,502	88-212-290-01		47pF Ceramic		2
C509,510	88-212-100-01		10pF Ceramic		2
C505,506	88-212-410-01		100pF Ceramic		2
C519,520	88-212-460-01		180pF Ceramic		2
≪SELECTOR SWITCH-2 CIRCUIT BOARD SECTION≫					
PCB-C	82-473-607-01		SELECTOR SWITCH-2 circuit board (UK model only)	*	1
PCB-C	82-473-714-01		SELECTOR SWITCH-2 circuit board (EE model only)	*	1
≪MUTING CIRCUIT BOARD SECTION≫					
PCB-D	82-473-697-11		MUTING circuit board (UK model only)	*	1
PCB-D	82-473-713-01		MUTING circuit board (EE model only)	*	1
TR301,302, 303,304 306,308 309	89-309-456-01		Transistor, 2SC-945L (P)		7
TR305,307	89-104-954-01		Transistor, 2SA-495 (Y)		2
D301,302,305 307,308	88-052-188-11		Diode, 1S-188 (FM)		5
D303,304,306	87-027-097-01		Diode, 1S-1555		3
	87-033-092-01		PCB tab, A		2
	87-032-653-01		Pin 3P		1
	87-032-654-01		Pin 4P		1
			< Resistors >		
R314	88-131-561-01		560Ω 1/4W ±5%		1
R308,311	88-131-102-01		1kΩ 1/4W ±5%		2
R318	88-131-152-01		1.5kΩ 1/4W ±5%		1
R315	88-131-222-01		2.2kΩ 1/4W ±5%		1
R309	88-131-392-01		3.9kΩ 1/4W ±5%		1
R310	88-131-562-01		5.6kΩ 1/4W ±5%		1
R313,316,317	88-131-682-01		6.8kΩ 1/4W ±5%		3
R301,302,303	88-131-103-01		10kΩ 1/4W ±5%		3
R306,304	88-131-333-01		33kΩ 1/4W ±5%		2
R312	88-131-473-01		47kΩ 1/4W ±5%		1
R305	88-131-563-01		56kΩ 1/4W ±5%		1
R307	88-131-104-01		100kΩ 1/4W ±5%		1
			< Capacitors >		
C301	88-336-300-01		3.3μF 25V Electrolytic		1
C302	88-336-500-01		4.7μF 25V Electrolytic		1
≪JACK/EQUALIZER AMP CIRCUIT BOARD≫					
PCB-E	82-473-608-21		JACK/EQUALIZER AMP circuit board	*	1
TR401,402, 403,404	82-473-644-01		Transistor, 2SA-750 (DA)	*	4
TR405,406, 407,408	82-473-645-01		Transistor, 2SC-1400 (DA)	*	4
TR409,410	89-317-354-01		Transistor, 2SC-1735 (E)		2

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
J1,2,3,4,5,6, 7,8,9,10,11, 12,13	82-473-625-11		Jack ass'y (12P pin jack, DIN jack) (PHONO, AUX, TAPE-1, TAPE-2, REC/PB)		1
			< Resistors >		
R413,414	88-131-112-01		1.1kΩ 1/4W ±5%		2
R401,402	88-131-152-01		1.5kΩ 1/4W ±5%		2
R419,420	88-131-182-01		1.8kΩ 1/4W ±5%		2
R429,430	88-131-222-01		2.2kΩ 1/4W ±5%		2
R407,408,409 410	88-131-303-01		30kΩ 1/4W ±5%		4
R403,404	88-131-563-01		56kΩ 1/4W ±5%		2
R415,416,417 418	88-131-623-01		62kΩ 1/4W ±5%		4
R423,424,431 432	88-131-104-01		100kΩ 1/4W ±5%		4
R411,412	88-131-184-01		180kΩ 1/4W ±5%		2
R433,434	88-131-394-01		390kΩ 1/4W ±5%		2
R405,406	88-131-914-01		910kΩ 1/4W ±5%		2
R421,422	82-473-676-01		3.9kΩ 1W ±1% Metal film	*	2
R427,428	82-473-683-01		68.1kΩ ±1% Metal film	*	2
R425,426	82-473-682-01		850kΩ ±1% Metal film	*	2
			< Capacitors >		
C411,412	82-473-681-01		4.7μF 50V Electrolytic (NL, BP)	*	2
C407,408	82-473-680-01		47pF 10V Electrolytic (BP)	*	2
C401,402	87-015-244-01		4.7μF 50V Electrolytic (NL)		2
C413,414	88-337-110-01		10μF 50V Electrolytic		2
C417,418	82-473-685-01		1100pF PP	*	2
C415,416	82-473-684-01		3900pF PP	*	2
C409,410	88-212-290-01		47μF Ceramic		2
C403,404	88-212-480-01		220pF Ceramic		2
C405,406	88-212-610-01		1000pF Ceramic		2
≪MAIN AMP CIRCUIT BOARD SECTION≫					
PCB-F	82-473-605-11		MAIN AMP circuit board	*	1
TR701,702	89-107-336-01		Transistor, 2SA-733 (P)		2
TR703,704	89-107-985-01		Transistor, 2SA-798 (G)		2
TR705,706, 707,708	89-317-353-01		Transistor, 2SC-1735 (D)		4
TR709,710	89-108-503-01		Transistor, 2SA-850 (D)		2
TR715,716	89-309-458-01		Transistor, 2SC-945L (R)		2
TR717	89-107-196-01		Transistor, 2SA-719 (R)		1
D701,702	87-027-143-01		Zener biode, WZ-150		2
D703,704	82-473-611-01		Diode, STV-3H	*	2
D705,706,707 708,709	87-026-066-01		Diode, M8513 A-O		5
L701,702	82-473-679-01		Coil, 2.2mH	*	2
SFR701,702	87-021-421-01		Semi-fixed resistor, 1kΩ-B		2
SFR703,704	87-021-433-01		Semi-fixed resistor, 470Ω-B		2
RY, S13	82-473-610-11		Relay	*	1
CB701,702	82-473-678-01		Circuit braker	*	2
	82-473-253-01		Holder, Circuit braker	*	1
	87-032-437-01		3P mini plug		3
	87-032-654-01		Pin 4P		1
			< Resistors >		
R747	88-131-100-01		10Ω 1/4W ±5%		1
R713,714,717 718	88-131-681-01		680Ω 1/4W ±5%		4
R748	88-131-102-01		1kΩ 1/4W ±5%		1
R709,710,711 712	88-131-122-01		1.2kΩ 1/4W ±5%		4

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
R701,702,746	88-131-152-01		1.5kΩ 1/4W ±5%		3
R707,708,715 716,727,728	88-131-222-01		2.2kΩ 1/4W ±5%		6
R725,726	88-131-822-01		8.2kΩ 1/4W ±5%		2
R742,743,745	88-131-103-01		10kΩ 1/4W ±5%		3
R705,706,723 724	88-131-153-01		15kΩ 1/4W ±5%		4
R744	88-131-273-01		27kΩ 1/4W ±5%		1
R703,704	88-131-104-01		100kΩ 1/4W ±5%		2
R729,730	88-141-100-01		10Ω 1/2W ±5%		2
R741	88-141-822-01		8.2kΩ 1/2W ±5%		1
R739,740	82-473-616-01		10Ω 1W Metal film	*	2
R731,732,733 734	82-473-617-01		220Ω 1W Metal film	*	4
R735,736,737 738	82-473-618-01		0.47Ω 2W Metal film	*	4
R749	82-473-674-01		15Ω 1W Metal film	*	1
R721,722	82-473-707-01		2.2kΩ 1W Metal film	*	2
R719,720	82-473-708-01		1.5kΩ 1W Metal film	*	2
			< Capacitors >		
C720	88-337-100-01		1μF 50V Electrolytic		1
C709,710	88-337-310-01		33μF 50V Electrolytic		2
C723,724	88-336-120-01		100μF 25V Electrolytic		2
C707,708	88-332-220-01		220μF 6.3V Electrolytic		2
C719	88-437-100-01		1μF 50V Electrolytic		1
C701,702	87-015-245-01		10μF 50V Electrolytic		2
C721	82-473-619-01		100μF 25V Electrolytic	*	1
C722	88-717-610-01		0.001μF Mylar		1
C717,718	88-717-830-01		0.022μF Mylar		2
C711,712	88-212-050-01		5pF Ceramic		2
C713,714	88-212-200-01		20pF Ceramic		2
C715,716	88-212-290-01		47pF Ceramic		2
C703,704	88-212-550-01		470pF Ceramic		2
C705,706	88-212-910-01		0.1μF Ceramic		2
≪CONTROL CIRCUIT BOARD SECTION≫					
PCB-G	82-473-603-11		CONTROL circuit board	*	1
TR601,602, 606	89-107-505-01		Transistor, 2SA-750 (E)		3
TR603,604, 605	89-314-005-01		Transistor, 2SC-1400 (E)		3
TR607	89-317-353-01		Transistor, 2SC-1735 (D)		1
VR601,602	82-473-612-01		Volume, 250kΩ-B (VOLUME)	*	1
VR603,604	82-473-613-01		Volume, 250kΩ-MN (BALANCE)	*	1
VR605,606, 607,608	82-473-614-01		Volume, 50kΩ-A (TREBLE, BASS)	*	2
VR609	82-473-615-01		Volume, 10kΩ-B (MIC, MIXING)	*	1
			< Resistors >		
R611,612,617 618	88-181-331-01		330Ω 1/4W ±5% ELR		4
R605,606	88-181-561-01		560Ω 1/4W ±5% ELR		2
R637	88-181-681-01		680Ω 1/4W ±5% ELR		1
R629	88-181-162-01		1.6kΩ 1/4W ±5% ELR		1
R636	88-181-182-01		1.8kΩ 1/4W ±5% ELR		1
R623,624	88-181-392-01		3.9kΩ 1/4W ±5% ELR		2
R638	88-181-562-01		5.6kΩ 1/4W ±5% ELR		1
R625	88-181-682-01		6.8kΩ 1/4W ±5% ELR		1
R627	88-181-183-01		18kΩ 1/4W ±5% ELR		1
R607,608,633	88-181-223-01		22kΩ 1/4W ±5% ELR		3
R632	88-181-303-01		30kΩ 1/4W ±5% ELR		1
R603,604	88-181-333-01		33kΩ 1/4W ±5% ELR		2

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
R631	88-181-753-01		75kΩ 1/4W ±5% ELR		1
R628	88-181-104-01		100kΩ 1/4W ±5% ELR		1
R626	88-181-624-01		620kΩ 1/4W ±5% ELR		1
R630	88-181-684-01		680kΩ 1/4W ±5% ELR		1
R615,616	88-131-222-01		2.2kΩ 1/4W ±5%		2
R613,614	88-131-223-01		22kΩ 1/4W ±5%		2
R601,602	88-131-224-01		220kΩ 1/4W ±5%		2
R621,622	88-131-564-01		560kΩ 1/4W ±5%		2
R619	88-141-103-01		10kΩ 1/2W ±5%		1
R634,635	82-473-706-01		4.7kΩ 1W Metal film	*	2
R609,610	82-473-705-01		6.8kΩ 1W Metal film	*	2
			< **Capacitors** >		
C626	88-337-100-01		1μF 50V Electrolytic		1
C625	88-337-500-01		4.7μF 50V Electrolytic		1
C624	87-015-242-01		2.2μF 50V Electrolytic (LN)		1
C601,602,621	87-015-244-01		4.7μF 50V Electrolytic (LN)		3
C611,612,628	82-473-681-01		4.7μF 50V Electrolytic (BP)	*	3
C605,606	88-332-120-01		100μF 6.3V Electrolytic		2
C609,610	88-332-320-01		330μF 6.3V Electrolytic		2
C613,614	88-707-680-01		0.0027μF Mylar		2
C615,616,617 618	88-707-820-01		0.015μF Mylar		4
C619,620	88-707-970-01		0.082μF Mylar		2
C607,608	88-212-100-01		10pF Ceramic		2
C603,604,622 623	88-212-410-01		100pF Ceramic		4
C627	88-212-570-01		680pF Ceramic		1
≪POWER CIRCUIT BOARD SECTION≫					
PCB-H	82-473-602-11		POWER circuit board	*	1
TR801	89-313-846-01		Transistor, 2SC-1384 (R)		1
TR802	89-106-844-01		Transistor, 2SA-684 (R)		1
D801,802	87-027-144-01		Zener diode, WZ-350		2
D803,804,805 806,810	87-027-083-01		Diode, 1S-1885		5
D807	87-027-149-01		Diode, SS-3		1
D809	87-027-150-01		Diode, SS-3R		1
	87-032-437-01		3P mini plug		4
			< **Resistors** >		
R802,805	88-131-101-01		100Ω 1/4W ±5%		2
R803,806	88-131-332-01		3.3kΩ 1/4W ±5%		2
R801	82-473-700-01		390Ω 2W Metal film	*	1
R804,807	82-473-708-01		1.5kΩ 1W Metal film	*	2
			< **Capacitors** >		
C801,802,803 805,806	88-337-224-01		220μF 50V Electrolytic		5
C804,807	88-437-134-01		1000μF 50V Electrolytic		2
C812	88-335-524-01		470μF 16V Electrolytic		1
C813	88-717-910-01		0.1μF 50V Mylar		1
C808,809,810 811	88-238-810-01		0.01μF 500V Ceramic		4
≪LED-1 CIRCUIT BOARD SECTION≫					
PCB-I	82-473-672-11		LED-1 circuit board	*	1
D502,503	87-026-083-01		Light emitting diode, RED (FM,AM)		2
≪LED-2 CIRCUIT BOARD SECTION≫					
PCB-J	82-473-673-01		LED-2 circuit board	*	1
D501,504,505	87-026-088-01		Light emitting diode, GRN (PHONO, AUX, TAPE-2)		3

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
D506	87-026-087-01		Light emitting diode, RED (TAPE-1)		1
≪ LED-3 CIRCUIT BOARD SECTION ≫					
PCB-K	82-473-671-21		LED-3 circuit board	*	1
D902	87-026-083-01		Light emitting (FM STEREO)		1
≪ DIN JACK CIRCUIT BOARD ≫					
PCB-L	82-473-601-01		DIN JACK circuit board	*	1
J15	87-032-678-01		5P DIN socket (TAPE-2)		1
≪ LAMP CIRCUIT BOARD SECTION ≫					
PCB-M	82-473-670-01		LAMP circuit board	*	1
PL906,907	82-473-634-01		Pilot lamp	*	2
	87-032-527-01		Pilot lamp clamp (PL906,907)		4
≪ MISCELLANEOUS ≫					
T901	82-473-702-01		Power transformer	*	1
TR711,712	89-310-302-01		Transistor, 2SC-1030 (B)		2
TR713,714	89-107-562-01		Transistor, 2SA-756 (B)		2
LM901	82-473-637-01		Level meter (FM TUNING)	*	1
LM902	82-473-636-01		Level meter (SIGNAL)	*	1
J14	87-032-672-01		Mic jack 6.3φ (MIC)		1
J16	87-032-673-01		Phones jack (PHONES)		1
J17	82-457-697-01		Antenna socket (DIN FM)		1
J18	82-457-696-01		Antenna socket (DIN AM)		1
J19,20	82-473-703-01		SP terminal (SPEAKERS A, B)	*	1
S11	82-473-704-11		Rotary switch (SPEAKERS SELECTOR)	*	1
S12	87-031-342-01		Push switch (POWER)		1
S14,15	87-031-343-01		Slide switch (VOLTAGE SELECTOR-1,2)		2
L201	82-473-669-11		MW bar antenna coil	*	1
PL901,902, 903,904	82-473-632-01		Pilot lamp	*	4
PL905	82-473-633-11		Pilot lamp (TUNING POINTER)	*	1
F901	87-035-142-01		Fuse, 2A		1
	87-057-817-01		Fuse label, 2A		1
F902	87-035-102-01		Fuse, 3.15A		1
	87-057-807-01		Fuse label, 3.15A		1
F903	87-035-141-01		Fuse, 1.6A		1
	87-057-818-01		Fuse label, 1.6A		1
	82-473-710-01		Fuse holde 3P (F901,902,903)	*	1
	82-473-677-01		Transistor socket (TR711,712,713,714)	*	4
	82-473-609-01		Heat sink	*	1
	82-467-610-01		Feeder, 160mm		1
	82-473-622-01		Feeder, 80mm	*	1
	87-033-011-01		Lug terminal plate 1L2P		1
	82-473-626-11		4P antenna terminal	*	1
	87-085-101-01		Cord bushing		1
	87-034-069-01		AC cord (EE model only)		1
	87-034-847-01		AC cord (UK model only)		1
	87-032-503-01		Pilot lamp socket (PL901,902,903,904)		1
	82-473-652-11		3P Connector ass'y	*	1
	82-473-653-11		3P Connector ass'y	*	1
	82-473-654-01		3P Connector ass'y	*	1
	82-473-662-01		3P Connector ass'y	*	1
	82-473-663-11		3P Connector ass'y	*	1
	82-473-664-01		3P Connector ass'y	*	1
	82-473-701-01		3P Connector ass'y	*	1
	82-473-661-01		3P Connector ass'y	*	

Symbol No.	Part No.	Part No. Changed to	Description	Common Model	Q'ty
	82-473-650-11		4P Connector ass'y	*	1
	82-473-658-01		4P Connector ass'y	*	1
	82-473-659-01		4P Connector ass'y	*	1
	82-473-660-01		4P Connector ass'y	*	1
	82-473-691-11		4P Connector ass'y	*	1
	82-473-649-01		5P Connector ass'y	*	1
	82-473-646-01		6P Connector ass'y	*	1
	82-473-647-01		6P Connector ass'y	*	1
	82-473-648-01		7P Connector ass'y	*	1
	82-473-657-01		7P Connector ass'y	*	1
			< Resistor >		
R901,902	88-141-271-01		270Ω 1/2W ±5%		2
			< Capacitor >		
C901,902	82-473-623-01		4700μF x 2 35V Electrolytic	*	1
C903	88-214-810-01		0.01μ Ceramic		1
C904	82-473-709-01		0.001μF 250V Ceramic	*	1